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The Seventy-Fourth
ANNUAL CATALOGUE
of
Denison University
for the year
1904-1905

Denison university, Granville, O.



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GRANVILLE, OHIO

1905

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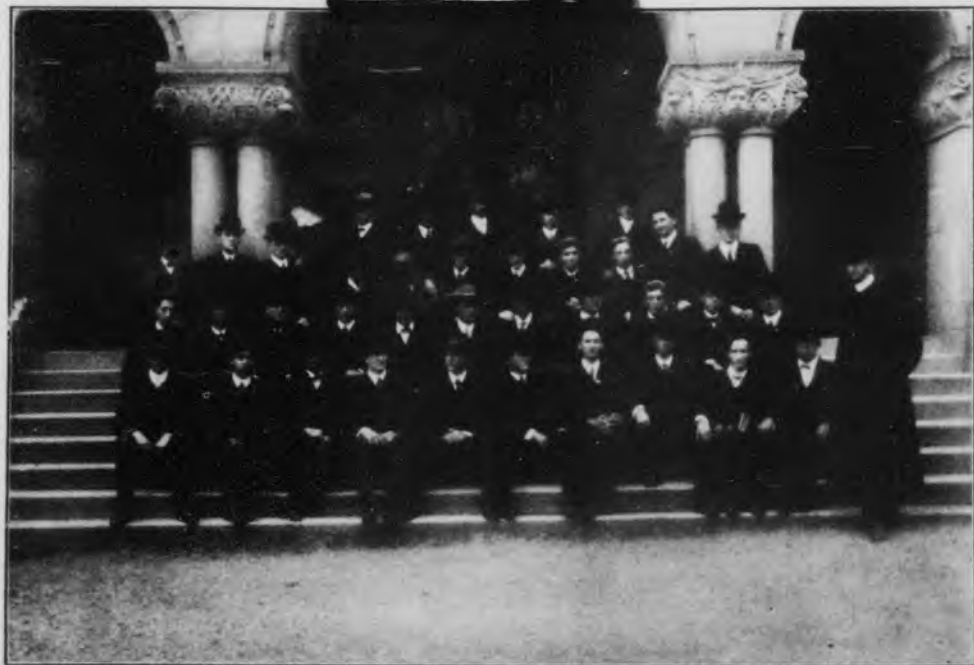


DEPARTMENTS
OF
DENISON UNIVERSITY

Denison University Comprises Five Departments:

- I. GRANVILLE COLLEGE.
- II. SHEPARDSON COLLEGE.
- III. DOANE ACADEMY.
- IV. THE CONSERVATORY OF MUSIC.
- V. THE SCHOOL OF ART.

For Catalogue or other information,
Address, EMORY W. HUNT, D. D., LL. D., President,
GRANVILLE OHIO.



GROUP OF MINISTERIAL STUDENTS AT ENTRANCE OF DOANE HALL, DENISON UNIVERSITY, NOVEMBER 5, 1904.

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-

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GRANVILLE. OHIO.

THE UNIVERSITY CALENDAR.

1905

April	4 Tuesday . . .	Spring Term begins at 9 A. M.
June	8-10 Th., Fr., Sat. . .	Final Examinations.
June	11 Sunday . . .	{ Baccalaureate Sermon, 10 A. M. Sermon before Christian Associations, 8 P. M.
June	12 Monday . . .	{ Field Day. Commencement Concert, 8 P. M.
June	13 Tuesday . . .	{ Graduating Exercises of Doane Academy, 10 A. M. Scripture Prize Reading, 3 P. M. Lewis Literary Prize Contest, 8 P. M.
June	14 Wednesday . . .	{ Class Day Exercises, 10 A. M. Business Meeting of the Alumni. President's Reception, 8 P. M.
June	15 Thursday . . .	{ University Commencement, 10 A. M. Alumni Dinner.
September	13 Wednesday . . .	Examinations for Admission.
September	14 Thursday . . .	First Semester begins, at 9 A. M.
November	30-31 Th. and Fri. . .	Thanksgiving Recess.
December	21 Thursday . . .	Holiday Recess begins, at noon.

1906

January	4 Thursday . . .	Holiday Recess ends, at noon.
January	25 Thursday . . .	Day of Prayer for Colleges.
January	29 — February 1 . . .	Mid-year Examinations.
February	5 Monday . . .	Second Semester begins, at 9 A. M.
March	28 Wednesday . . .	Spring Recess begins, at noon.
April	3 Tuesday . . .	Spring Recess ends, at noon.
June	14 Thursday . . .	Commencement.

BOARD OF TRUSTEES.

OFFICERS OF THE BOARD.

REV. H. F. COLBY, D. D., President.
G. M. PETERS, Esq., Vice President.
J. R. DAVIES, Esq., Secretary.
C. W. CHAMBERLAIN, Treasurer.

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J. M. SWARTZ, ESQ.,	Newark.

CLASS III.—Term Expires in 1907.

REV. C. J. BALDWIN, D. D.,	Granville.
C. T. LEWIS, ESQ.,	Toledo.
E. D. KINGSLEY, ESQ.,	Columbus.
W. H. DOANE, MUS. D.,	Cincinnati.
E. CANBY, ESQ.,	Dayton.
REV. H. F. COLBY, D. D.,	Dayton.
REV. W. E. STEVENS,	Dayton.
G. M. PETERS, ESQ.,	Cincinnati.
REV. C. A. EATON, D. D.,	Cleveland.
REV. M. BRELSFORD,	Urbana.
HARVEY KEELER, ESQ.,	Cleveland.
J. M. AMOS, ESQ.,	Cambridge.

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B. CASE,

TORRENCE HUFFMAN,

J. M. SWARTZ,

C. W. CHAMBERLAIN,

D. M. SHEPARDSON,

B. SPENCER.

AUDITORS.

J. L. GILPATRICK,

W. H. JOHNSON.

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TORRENCE HUFFMAN, <i>Chairman</i> , . . .	Term expires 1907
J. B. THRESHER,	Term expires 1905
E. J. BARNEY,	Term expires 1906
W. H. DOANE,	Term expires 1908
J. K. MCINTIRE,	Term expires 1909

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EDWARD CANBY. --

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W. H. JOHNSON,

E. W. HUNT,

C. J. BALDWIN,

G. F. MCKIBBEN.

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* The University Faculty.

EMORY W. HUNT, D. D., LL. D., PRESIDENT,

Maria Theresa Barney Professor of Intellectual and Moral Philosophy,
Residence, President's House, College Hill.

JOHN L. GILPATRICK, A. M., PH. D.,

Benjamin Barney Professor of Mathematics,
Prospect Hill.

RICHARD S. COLWELL, D. D.,

Professor of the Greek Language and Literature.
Prospect Hill.

GEORGE F. McKIBBEN, A. M.,

Professor of Romance Languages.
Elm Street, near Plum.

CHARLES L. WILLIAMS, A. M.,

Professor of Rhetoric and English Literature.
West Elm Street.

WILLIAM H. JOHNSON, A. M.,

Eliam E. Barney Professor of the Latin Language and Literature.
Burgh Street.

C. JUDSON HERRICK, M. S., PH., D.,

Professor of Zoology.
Burgh Street.

H. RHODES HUNDLEY, D. Sc.,

Dean of Doane Academy, with rank of Professor in University Faculty.
Elm and Prospect Streets.

CLARK W. CHAMBERLAIN, A. B.,

Henry Chisholm Professor of Physics and Chemistry.
West Elm Street.

* The term "University Faculty," as used in this catalogue, includes all persons giving instruction in the various departments of the University; the department faculties include in each case all persons giving instruction in the department in question.

WILLIS A. CHAMBERLIN, A. M.,
Professor of the German Language and Literature.
West College Street.

CHARLES E. GOODELL, A. M.,
Professor of History and Political Science.
Burgh Street.

FRANK CARNEY, A. B.,
Professor of Geology and Mineralogy.
East Broadway.

BIRNEY E. TRASK, C. E.,
Assistant Professor of Civil Engineering.
West Elm Street.

MALCOLM E. STICKNEY, A. M.,
Assistant Professor of Botany.
West Dormitory.

*W. BLAIR CLARK, M. S.,
Instructor in Chemistry.

HARRIET M. BARKER, A. M.,
Instructor in History of Art.
Burton Hall.

BUNYAN SPENCER, A. M., B. D.,
Associate in Philosophy and Instructor in Greek.
East Broadway.

NELLIE A. MONTGOMERY, A. B.,
Instructor in English Literature and History.
Shepardson Cottage.

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Mount Parnassus.

JENNIE E. BLINN,
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Thresher Hall.

CARRIE M. HOWLAND,
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Broadway and Mulberry Streets.

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King Hall.

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Sedgwick Cottage.

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* Absent on leave.

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Instructor in Elocution and Physical Training
Elm and Cherry Streets.

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East Dormitory.

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West Dormitory.

JOSEPH W. INCE, A. M.,
Instructor in Chemistry.
West Dormitory.

WILLIAM A. BERGER, A. M.,
Assistant in German.
Newark.

LAURA B. PARSONS,
Head of Art Department.
West Cottage.

FANNIE J. FARRAR,
Head of Piano Department.
Thresher Hall.

LOUISE T. CHURCHILL,
Assistant in Piano: Harmony, Counterpoint.
Thresher Hall.

MABEL PHILLIPS,
Assistant in Voice.
Thresher Hall.

OFFICERS OF ADMINISTRATION.

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President of the University.

J. L. GILPATRICK, PH. D.,
Dean of Granville College.

R. S. COLWELL, D. D.,
Registrar of the University.

H. R. HUNDLEY, D. Sc.,
Dean of Doane Academy.

HARRIET M. BARKER, A. M.,
Dean of Shepardson College.

Other Officers.

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(Office, room 2, Doane Academy.)

C. W. CHAMBERLAIN,

Treasurer.
(Office, room 7, Doane Academy.)

MRS. KATE S. HINES,

University Librarian.

A. S. CARMAN,

Educational Secretary of the University.
(Office in Cleveland Hall.)

EDITH N. STANTON,

Treasurer of Shepardson College.
(Office in Case Cottage.)

MRS. HELEN M. HUNT,

Matron of Shepardson College.
(Office in Burton Hall.)

MRS. LOUISE B. GRIDLEY,

Matron in King Hall.

GENERAL INFORMATION.

Location.

Granville, the home of Denison University, is situated in Licking County near the geographical center of Ohio. It lies among the moderately elevated and partly wooded hills which mark the transition from the more level portion of the State to the more diversified surface of the southeastern section. These geographical conditions furnish one of the most beautiful and restful landscapes in the State,—a natural environment admirably suited to the spirit and purpose of college life. The community is of New England origin, and the continued resemblance of its daily life to that of the best type of New England village is frequently remarked. The intellectual, moral and religious level of the population is high, and every endeavor is made to bring students under the best influences. The introduction of saloons was prohibited by ordinance of council as soon as the laws of the State made such action possible. Recent attempts to evade this ordinance led to a Local Option election under the Beall Law, with the gratifying result of a vote of more than six to one against the introduction of the saloon.

Granville is on the line of the Toledo and Ohio Central Railway, and by electric car to Newark, only six miles distant, has easy access to the Pennsylvania system, the Baltimore and Ohio, and all connecting lines. It also has electric car connections with Zanesville, Columbus, Springfield, Dayton and various other points. The town is also well provided with local and long distance telephone service.

Buildings.

Among the buildings occupied by the various departments of the University the following may be mentioned:

I This building was erected in 1856, to provide lodgings for students, literary society halls and lecture rooms. It is built of brick, four stories high, 132 feet in length and 45 feet deep. It has recently undergone extensive repairs, and is now devoted to dormitory purposes.

The West Dormitory.



LAVATORY IN WEST DORMITORY.



alone. The former society halls and lecture rooms have been cut up into living rooms for students. The wood work has been renewed wherever it was seriously worn, the rooms and halls have been largely plastered anew, the walls and ceilings freshly papered and the entire building repainted. Lavatories, including an ample supply of shower baths, with hot and cold water, have been introduced on each of the four floors and made easily accessible from the rooms of all students. The rooms have been newly supplied with all the heavier furnishing necessary, including a single white iron bed and mattress for each student, dresser, lounge, book case, study table and chairs. The rooms are lighted by electricity and heated by hot water, from the central plant. The charges for these rooms, which are very moderate, will be found on another page. (See general index, under head of Expenses).

II.**The East
Dormitory.**

This is a four story brick building, 133 feet long by 66 feet in depth, completed in 1871. Two floors complete and part of a third have been newly refitted for dormitory purposes in the same style and with the same conveniences as have been described in the preceding paragraph for the West Dormitory. Eight large and well lighted class rooms have been fitted up in this building, three on the first floor and five on the second, for the departments of German, Romance Languages, Latin, History, Mathematics, Engineering and Art. These two dormitory buildings together furnish accommodations for one hundred and fifty students.

III.**Doane Hall.**

This was erected in 1878 for the University Library, by Dr. W. Howard Doane. It is of brick and stone, built in the form of a cross, and well adapted to its purposes. Its shelves now contain nearly 30,000 bound and unbound volumes. Recent improvements in heating, lighting and furnishing have contributed much to the comfort and convenience of readers.

IV.**Barney
Memorial
Hall.**

This building is the gift of E. J. Barney, Esq., erected in memory of his father, Eliam E. Barney, LL. D., one of the firmest friends of the University in its earlier days. It contains 44 rooms, devoted

entirely to scientific work. The building is of buff pressed brick, 142 feet long and 78 feet deep. The various departments of scientific study have their laboratory and lecture rooms here. Constant additions are made to the working apparatus of the several departments, including many of the best and most recent devices for physical, chemical, geological and biological research. A machine shop with power-lathes, wood-working machinery, screw-cutting tools and forge enables students to gain skill in apparatus construction. Regular classes in the shop usually work three hours a week through the Winter. Much valuable apparatus has in this way been added to the laboratories. During the past year the building has been completely redecorated and otherwise improved, at the expense of the original donor. Its facilities have also been materially re-enforced by the erection of the central heating and lighting plant.

V. This building, in addition to the Principal's office, **Doane** the lecture rooms and society halls of the Academy, for which it is especially designated, contains the offices of the President, Registrar and Treasurer, the President's lecture room, the lecture rooms of the departments of English and Greek, and the University Chapel. It is of Oakland pressed brick and Amherst stone, and is three stories high above the basement. It was presented to the University by Dr. W. Howard Doane.

VI. This is a three-story brick building, erected for **Burton Hall.** the use of Shepardson College, in 1888. The interior is light and cheery in appearance, restful and homelike in effect, and complete in all its appointments. During the past year new and more commodious lavatories have been installed on each floor of this building.

VII. King Hall was erected at a later date, to provide **Kings Hall.** for the increasing patronage of the school, and contains rooms for about thirty young women. The rooms are of the same size, similarly furnished, and open into corridors surrounding a large central court. The lavatories have been renewed and enlarged, as in the case of Burton Hall, described above.

VIII. Teachers and students of Shepardson College, **Dining Hall.** living on the College grounds, except those in the

Club House, take their meals in the Dining Hall, a bright, spacious room, fully equipped for its purposes and easily accessible to the two Halls above described, and the smaller cottages as well.

IX.**Conservatory Building.**

This is the gift of Professor and Mrs. A. U. Thresher, and is located on Cherry Street, opposite the square occupied by the buildings last described. It is devoted entirely to the Conservatory of Music, and contains fifteen rooms for instruction and practice.

X.**Recital Hall.**

The Recital Hall stands on Cherry Street, by the side of the Conservatory building. It is furnished with opera chairs and has a raised floor, giving each spectator an uninterrupted view of the stage. The stage is equipped with raised platform, has seating capacity for a chorus of seventy-five voices, and is furnished with Steinway concert grand and parlor grand pianos and a pipe organ, the gift of Dr. Doane.

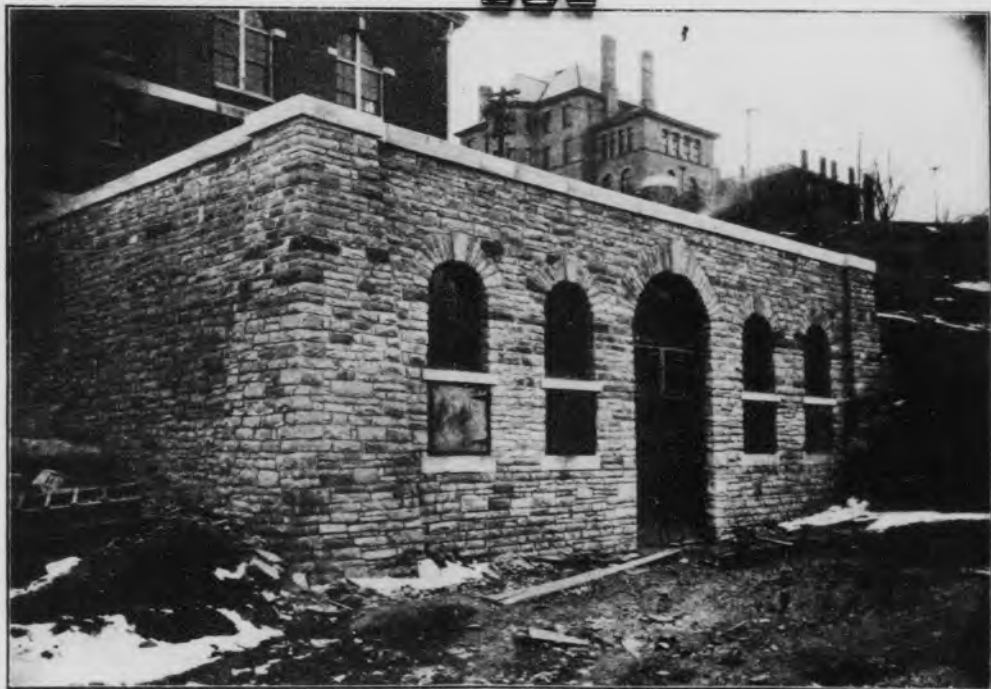
XI.**The Heating and Lighting Plant.**

The new apparatus for heating and lighting from a central station has now been extended to all the University buildings. The plant is divided into two parts, the boiler room, which lies just to the east of the Young Men's Christian Association building, on a somewhat lower level, and the machinery room, which lies beneath the eastern end of that building. The boiler room is now supplied with three one hundred horse power horizontal-tubular boilers, of the Atlas make, with room for a fourth if any future extension of the University demands it. At present, but two are needed in operation at any one time. Coal, gas, or both simultaneously may be used as fuel. The smoke is conducted by an underground smoke-duct to an eighty foot stack situated back of the dormitories on College Hill, giving a total elevation from the grate bars to top of stack of more than two hundred feet, and thus securing a strong draft. Auxiliary to the boilers are two Stilwell-Bierce and Smith-Vaile 6 x 4 x 6 duplex boiler-feed pumps which may be used either to supply the boilers or to distribute hot water to the lavatories in the various buildings. The water for the latter purpose is supplied from a heater mounted over one of the large boilers. Two Laidlaw-Dunn-Gordon duplex

pumps, 12 x 10 x 18, situated in the machinery room, circulate the water for heating purposes throughout all the buildings of the University, and also the Baptist Church building. But one of these is needed at a time, so that there is no danger of a failure of heat through accident to any part of the machinery. There are also condensers for use of the exhaust steam from the engines, or of live steam when the engines are not in motion. The water may be heated either in the boilers directly or by the use of exhaust steam. The lime is removed from the water before it enters the boilers by the use of a Stilwell-Bierce and Smith-Vaile feed-water heater and purifier. The plant now carries 44,000 feet of radiation, and has capacity for far greater service as the growth of the University requires it. The lighting apparatus consists of one 45 Kilo-Watt Thresher generator, direct-connected to a 60 horse power Ball engine, and one 75 Kilo-Watt Thresher generator direct-connected to a Russell engine of 110 horse power. The latter has a capacity of 1200 lights, the former of 720. These supply light to all the University buildings, and electric current to the laboratories for experimental purposes.

XII.
Cleveland
Hall.

The new building for the Young Men's Christian Association and gymnasium is now partly in use and the portions still unfinished will be completed at an early date. The main gymnasium floor occupies the east end of the building, with gallery and running track above. On the same level, in the west end, are the lavatories, baths, and lockers, with a good sized swimming pool, lined with the best quality of white tile. On the floor above, level with the gallery of the gymnasium, are the various rooms devoted to the work of the Young Men's Christian Association. On the upper floor of the central portion of the building are two halls for the use of the two College Literary Societies. The building lies between the dormitories and the village, easily accessible from either, and its completion marks an important epoch in the social and religious life of the University. The more systematic physical training which the facilities of the building render possible, under the supervision of a competent Physical Director, is expected to become a very important factor in maintaining the health and



CENTRAL HEATING AND LIGHTING PLANT.



vigor of the student body, and consequently in improving the standard of scholastic work.

LIBRARY PRIVILEGES.

The University Library is open under liberal regulation to the Faculties and students of all departments, and its contents are classified and arranged according to the Dewey system, thus enabling the reader to ascertain the resources of the Library on any given subject in the shortest possible time. Through the kindness of the Society of the Alumni many valuable additions of historical works have been made during the past year.

Aside from the general library there is also in Barney Memorial Hall a large collection of special scientific literature, including sets of the publications of Scientific Societies in all parts of the civilized world, and files of many scientific periodicals, American and Foreign. The Marsh Memorial Library, in King Hall, founded by Dr. and Mrs. Shepardson in memory of their daughter, Mrs. Lide Shepardson Marsh, furnishes a valuable collection of books for missionary and Bible study. A special collection of works on music is accessible to students in music at the Conservatory building.

SCIENTIFIC PUBLICATIONS.

The "Bulletin of the Scientific Laboratories," published by the scientific departments under the auspices of the "Denison Scientific Association," affords an opportunity for the publication of original work by students and instructors in the several departments.

The "Journal of Comparative Neurology and Psychology" is published bi-monthly, and affords an avenue of publication for the researches conducted in the neurological laboratory. It has the support and co-operation of distinguished specialists of the day, not only in America but in foreign lands where this important branch of scientific investigation is pursued.

Each of these publications has a large exchange list, and the scientific library is rich in serial literature.

LITERARY SOCIETIES.

There are six literary societies maintained in the different departments of the University,—The Calliopean and Franklin, open to all students in Granville College; the Ciceronian and Irving, of Doane Academy; the Euterpean and Philomathean, for the young women of Shepardson College. These all maintain regular weekly meetings, and are of great value to the literary and social life of the University.

CHRISTIAN ASSOCIATIONS.

There are maintained in the University vigorous branches of both the Young Men's Christian Association and the Young Women's Christian Association. These organizations maintain regular classes in systematic Bible Study, the Young Men's Association offering a four years' course comprising the Life of Christ, the Apostolic Age, Old Testament Biography, and New Testament Doctrines. Students taking this course receive certificates upon successful examination at the end of each year, and at the end of the course a diploma, under the auspices of the International Committee of the Young Men's Christian Association, Bible Study Department. Every phase of school life is represented in the membership of these organizations, and the zeal shown in the work is earnest and unremitting.

MORAL AND RELIGIOUS INFLUENCES.

The entire life and administration of the University, while avoiding sectarianism, is positively and emphatically in favor of the Christian religion. Each day the University assembles in the Chapel for prayers, and this service the students in all departments are required to attend, unless excused for satisfactory reasons. They are also expected to attend morning and evening church services each Sunday, full liberty being allowed to conscientious denominational preferences in selecting a place of worship. Students are welcomed in the various Sunday Schools of the village, and in the Baptist Sunday School, there are several

classes taught by University instructors and intended expressly for students.

AIM.

The University has long enjoyed an honorable reputation for thoroughness, and other excellencies of mental discipline, and to maintain and advance this reputation, as far as possible, is the constant aim of Trustees and Faculty. Every possible resource will be employed to develop young men and young women in the most successful manner, physically, intellectually, and morally.

DIVISION OF THE SCHOOL YEAR.

The scholastic year, exclusive of the short winter and spring recesses, will hereafter be divided into two semesters, of eighteen weeks each, superseding the former division into three terms. The semester system admits of greater flexibility in the arrangement of courses and schedules than the system which it displaces, and it is also believed that there is a distinct gain in having but two general examination periods during the year, rather than three, as heretofore. The winter and spring vacations are continued, as heretofore, but new students desiring to enter for the latter part of the year will present themselves not at the close of one of these vacations, but at the opening of the second semester, which for the year 1905-1906 will be the 5th of February.

REGULARITY AND PUNCTUALITY.

Each semester opens with the Chapel service, on the morning of the day scheduled in the University calendar. No student once enrolled is allowed to absent himself from the University even temporarily without permission from the President, since absence from any University exercise entails serious loss.

Punctuality at the beginning of the session is especially desired, as losses incurred by beginning behind one's classes can never be fully repaired. Although students will be admitted at any time, it is highly desirable that they begin their studies with the Fall semester. If the attendance is expected to be for but one semester, that is the best; if for longer, the regularity secured by

beginning with the opening of the school year, in September, adds greatly to the profit of the study.

Without special permission to do otherwise, each student is expected to take not less than thirteen nor more than eighteen hours of work in the class-room per week.

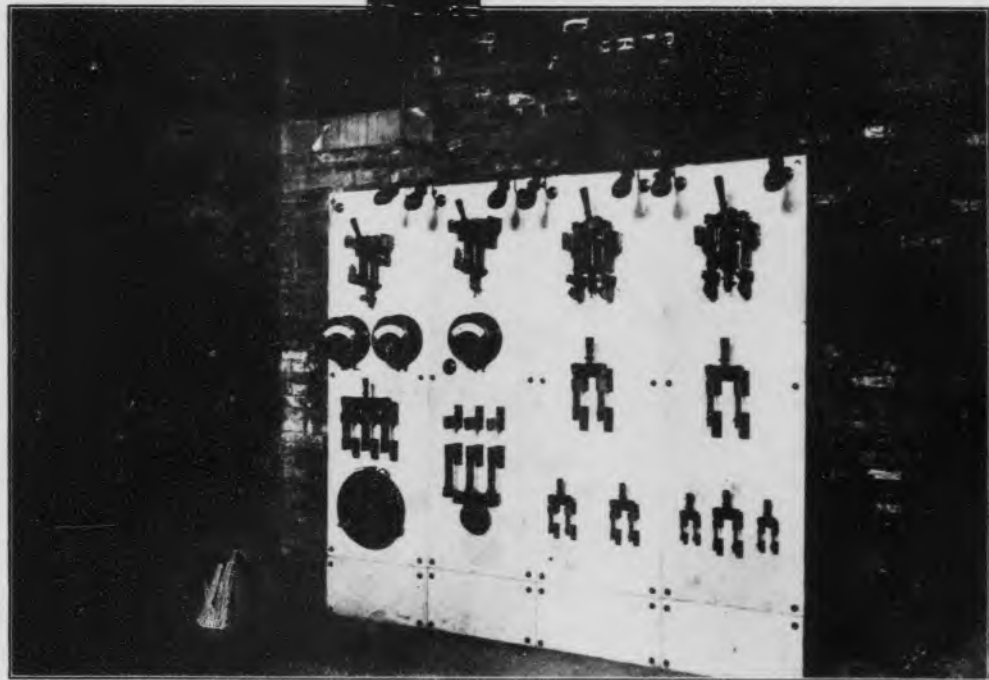
Careful records are kept by the University officers, from which each student's character for punctuality as well as for attainments in his studies can at any time be ascertained. This information will be furnished to parents or guardians at the end of each semester, and at any other time, on application to the President.

ABSENCES.

It is considered that an allowance of ten per cent. of the entire number of exercises in any study during any given semester is sufficient to cover all necessary absences. This allowance is not intended, however, to encourage absence for trivial reasons, and punctual attendance at every class exercise will receive due recognition. Absences in excess of ten per cent. will operate directly to lower the student's term standing, as well as indirectly by injuring the character of his work when present. Absences from Chapel to the number of eight for each semester shall be treated as excused, and notice shall be given by the monitor promptly to each student who has been absent eight times. For any additional absences, the student shall be regarded as suspended unless within forty-eight hours he shall obtain an excuse from a committee of the Faculty. Notice of such suspension is given at once to each of the student's instructors.

CLASS STANDING.

Each instructor keeps a constant record of the work of each pupil, and reports the same to the Registrar at the close of the semester. In the college classes the standing is indicated as follows: the letter A opposite a student's name indicates that his work for the semester, including examination, has been *excellent*; B, that it has been *good*; C, *fair*. The letter D indicates that the work has been too poor to receive credit until some *condition*,



SWITCH BOARD OF LIGHTING PLANT.



imposed by the instructor, has been fulfilled; and E indicates a complete *failure*.

Students marked D must remove the imposed condition previous to the beginning of the second semester thereafter, in order to get credit for the study in question. Students marked E in any study necessary to the completion of their course must take such study over again in class, or if that is impossible, in such way as the Faculty shall direct.

EXAMINATIONS.

A careful examination of every class, usually both oral and written, is held at the close of each semester. All students, whether candidates for degrees or not, must attend all examinations in the studies which they pursue. No student whose examination in any study is reported "incomplete" will receive credit for that study until the examination has been completed, and this must be done within one year from the date of the original examination.

THE DENISON SCIENTIFIC ASSOCIATION.

This society aims, in the words of its constitution:

(a) To afford opportunity for the interchange of ideas by those interested in the various sciences.

(b) To collect, record, and disseminate information bearing on the sciences.

(c) To stimulate interest in local natural history and to preserve notes and specimens illustrating the same.

It has been the means of much good in arousing a desire for original scientific investigation, and the interest in its work is constantly increasing.

For information concerning the Bulletin of the Scientific Laboratories, published under the auspices of this association, address the Permanent Secretary, C. W. Chamberlain.

THE DENISON LANGUAGE ASSOCIATION.

This association was organized to stimulate interest in language study and unify the work of the various language depart-

ments of the University. All members of the University, whether students or teachers, may have their names placed upon the membership roll upon request, and no membership fee is required. Its meetings are held every other week, alternating with the meetings of the Scientific Association.

THE ENGINEERING SOCIETY.

The Engineering Society is an organization composed of instructors and students who meet to read and discuss papers of technical interest, and make reports on engineering structures and other subjects relative to the work of the department of Civil Engineering. A reading room and library are maintained, accessible to all students in the department, where the leading Engineering periodicals may be consulted. An effort is made to develop the habit of constant study of Engineering literature, together with an appreciation of its value to the engineer.

THE DENISON ORATORICAL ASSOCIATION.

The aim of this organization is to promote interest in public speaking. Under its auspices a local contest is held each year to determine who shall be the representative of the college at the Inter-Collegiate Oratorical Contest. Occasional contests in debate with other colleges have also been arranged.

THE DENISON ATHLETIC ASSOCIATION.

The Athletic Association looks after the work in the gymnasium and provides other forms of physical culture, at once interesting and profitable to the student. The payment of an annual athletic fee assessed by the University, constitutes each male student a member of this association, entitled to all its privileges and to a vote in its management. The association possesses a fine athletic field, presented by F. P. Beaver, Esq., of Dayton.

SPECIAL STUDY FOR HONORS.

Any regularly classified student who has maintained an A rank in not less than half his work during two successive semesters of the freshman and sophomore years, and has not fallen below C in any single study, may, with the consent of the faculty, be enrolled as a student for Honors in some selected department of study. Application for such enrollment shall be made prior to the first of April of the Junior year. If the application be granted, the Professor in charge of the department selected shall assign work to the applicant substantially equal in amount to a three hour study for one college year.

The student shall be examined on this work prior to the first of April of the Senior year. The examination shall be conducted under the direction of the Professor in charge, assisted by some other member of the faculty to be appointed by the President; and in addition to the special assignment it shall cover in a general way all other work which the applicant has taken in the same department. If creditably passed it shall entitle the applicant to have his name placed upon the records of the University as having won Honors in this department, and the fact shall be announced on Commencement day and published in the annual catalogue.

During the interval between enrollment for Honors and examination, the student must maintain an A rank in all work done in the department to which his special study shall belong, and must not fall below B in any other department. He must also maintain an unblemished record in department.

Work done for honors must not be elementary in its character, and in no case shall it be the only work done in the department in which it is taken. Advanced elective courses already offered may be utilized as Honor courses, or special topics may be assigned to suit individual cases; but in no case shall work upon which Honors are bestowed be counted as any part of the student's requirements for his baccalaureate degree.

PRIZES.

1. *The Lewis Literary Prize Contest.* Charles T. Lewis, Esq., of Toledo, offers to the Franklin and Calliopean Literary

Societies the following prizes, to be obtained by literary contests during Commencement week: Forty dollars to the best debater, thirty dollars to the best orator, twenty dollars to the best essayist, and ten dollars to the best declaimer.

2. *The Samson Talbot Prize Reading.* This prize foundation is for the best reading of Scripture and is open to Seniors and Juniors. The prizes are \$40 and \$20 respectively.

3. *The Daniel Shepardson Bible Book Prizes.* At the Alumni Dinner, June, 1902, Rev. Daniel Shepardson, Ph. D., of the class of 1888, offered two prizes, of \$50 and \$25 respectively, for the best book-studies upon certain books of the Bible. The contest is open, without distinction of sex, to members of the Sophomore, Junior and Senior classes. In case sufficient interest is developed it is expected that these prizes will be made permanent. The conditions for the current year are as follows:

(1.) The book-study must be upon First Samuel or Micah in the Old Testament or upon Matthew or Colossians in the New.

(2.) It must contain between 4,000 and 7,000 words, and treat of the authorship, date, circumstances, purpose, general outline of thought, and the great teachings of the book.

(3.) The contestant must have a good general college standing in character and work.

(4.) There must be at least five bona fide contestants, if award is to be made.

(5.) The study must be in the hands of the Committee of Award by May 10th, at the latest.

4. *Senior English Prizes.* To the young lady who shall prepare and read the best essay in the Senior Exhibitions, \$10; to the second best, \$5.

To the young man who shall prepare and deliver the best oration in the Senior Exhibitions, \$10; to the second best, \$5.

5. *The Moss Prize.* The Rev. Charles H. Moss of Malden, Mass., offers as a memorial to his father, the late Rev. Lemuel Moss, D. D., a prize of \$25 to that student for the ministry who shall prepare and deliver the best oration upon a subject related to Christian Evidences. Full conditions of this prize may be learned by applying to the head of the Department of English.

6. *Athletic Prizes.* A number of prizes are awarded for excellence in certain sports and athletic exercises of Field Day.

PRIZES AWARDED IN JUNE, 1904.

The Lewis Contest: Debate, W. E. Wickenden, Franklin; Oration, J. S. West, Calliopean; Essay, G. C. Crippen, Franklin; Declamation, J. W. Stenger, Franklin.

The Samson Talbot Prize Reading: First prize, R. E. Brown; second prize, H. J. Skipp.

The Shepardson Bible Book Prizes: First prize, W. E. Wickenden; second prize, F. S. La Rue.

SCHOLARSHIP FUNDS.

For deserving students in need of assistance the University has at its disposal the annual income of the following funds:

1. The Mary K. Monroe Fund, \$30,000. The income of this fund is available for ministerial students in Granville College, and in the Theological Seminaries after graduation from Granville College.

2. The King Scholarship Endowment, of \$12,000, for the aid of young ladies in Shepardson College.

3. The Ebenezer Thresher Fund, of \$10,000, for the aid of young men in Granville College.

4. The M. E. Gray Fund, of \$5,000, for the aid of ministerial students in Granville College.

5. The David and Jane Harpster Fund, of \$1,500, available for students in Granville College and Doane Academy.

6. The David Thatcher fund, \$1,500, available for ministerial students in Granville College and Doane Academy.

7. The Mary Arnold Stevens Fund, of \$500, for students in Granville College or Doane Academy.

8. The Shepardson Scholarship, income of \$1,000, for students in Shepardson College.

9. The Luse Scholarship, income of \$1,000, for students in Shepardson College.

10. The Bostwick Scholarship of \$1,000, established by A. F. and A. A. Bostwick, of Seville, Ohio.

11. The Griswold Scholarships, the income of \$5,000, the gift of the late G. O. Griswold, Esq., of Warren, Ohio.

12. The Maria Theresa Barney Fund, from which the President of the University has a varying amount at his disposal each year to be loaned to students at his discretion, without interest.

13. The Ohio Baptist Education Society has at its disposal free tuition scholarships for its beneficiaries to the number of forty, if necessary.

14. By authorization of the Trustees the President of the University may remit the tuition of a limited number of students in cases of special necessity.

15. A few scholarships which were sold in the early days of the college were afterwards surrendered by the original purchasers and are at the disposal of the Faculty.

Good class standing and exemplary conduct in all relations of life are prerequisite to the enjoyment of any of these scholarships. Pupils holding them may be called upon to render a certain amount of service to the University, but never to an amount which will interfere with regular college studies.

For farther information regarding scholarships open to ministerial students, address Rev. A. S. Carman, Educational Secretary; concerning scholarships open to those not studying for the Ministry, address the President of the University.

FIRST DEGREES.

The degrees of A. B., B. S., and Ph. B., are conferred upon such candidates for the same as have passed satisfactory examinations upon all the studies required.

Candidates for these degrees are required to pay the treasurer their dues, including the graduating fee of five dollars, as early as June 1.

No first degree will be granted to any candidate therefor who, at the beginning of the second semester of the Senior year shall have charged against him as incomplete any work of the course required prior to the Senior year.

SECOND DEGREES.

The usual second degree is conferred on completion of graduate courses of study. After the admission of a student to a graduate course a committee of three from the Faculty shall supervise his work. Undergraduates who have advanced standing may take work toward a second degree, but not more than two-thirds of a year of such work may be taken previous to graduation.

Resident students in graduate courses are subject to the same tuition, incidental and laboratory fees as others. Non-resident candidates for second degrees are required to pay the same gross amount of tuition fees as resident candidates for the same degrees. The diploma fee for all advanced degrees is ten dollars. The particular requirements for the several degrees are as follows:

FOR THE DEGREE OF A. M. AND M. S.

I. RESIDENT GRADUATES.—The candidate for either of these degrees shall study in this University one year under the direction of the Faculty. Recitations and examinations shall be appointed by the several instructors. Any instructor may require a thesis on the subject taught by him, and allow it to take the place of as much work in that study (not to exceed two-thirds of a year) as to him may seem good. The candidate shall with the approval of the Faculty, select from the following list one study as a main study, and shall pursue it throughout the year:

1. One language other than English.
2. Mathematics.
3. Philosophy.
4. Science.

He shall also, with the approval of the Faculty, select each semester two minor studies.

Minima.—A candidate for the degree of A. M. must take the equivalent of a three hour course through one semester in each of the following subjects: (a) Greek or Latin, (b) a mod-

ern language other than English, (c) history, (d) English literature.

The minimum of required studies leading to the degree of M. S. shall be as follows:

A complete year in some one physical science and two-thirds of a year of physical science in addition.

Minima for Ph. M. will be determined by the Faculty.

2. NON-RESIDENT GRADUATES.—The candidate shall study two years under the direction of the Faculty. He shall be examined at the end of the first year, and shall present a satisfactory thesis at the end of the second year. Recognizing the unsatisfactory conditions under which non-resident work for a degree must be done, the University does not advise it unless the circumstances are quite exceptional.

Second degrees in course are not granted by the University.

THE MEDICAL PREPARATORY COURSE.

The Scientific Course includes the subjects recommended by the Association of Medical Colleges for prospective medical students, and special opportunities are offered in the biological department to such students as may desire to secure advanced standing in the medical school. It is now recognized that the rapidly increasing competition in the medical profession makes necessary the best possible preparation and that college graduates have vastly better prospects of success than others. To accommodate those students who desire to lay the broadest possible foundation for medicine, a year of graduate work is offered leading to the degree of Master of Science and presenting advanced courses in comparative anatomy, histology, neurology, botany, chemistry and physics.

THE SEPARATE DEPARTMENTS.

I. GRANVILLE COLLEGE.

HISTORICAL STATEMENT.

The name "Granville College" was the official designation of the school now known as Denison University, for about ten years previous to the adoption of the present name. At various times during the succeeding years the re-adoption of the name had been informally discussed among the friends of the institution, but the matter had not been taken up officially. When the re-adjustment of the relations between Denison University and Shepardson College came before the Board, the necessity for some separate designation for that department of the University which has to do with the instruction of young men in the four college classes led inevitably to the revival of the old name, *Granville College*. Wherever this term is used, then, the reader will understand that it refers to the department of collegiate instruction for young men, as distinguished from the departments dealing with the collegiate instruction of young women, preparatory instruction, etc.

FACULTY OF GRANVILLE COLLEGE.

- EMORY W. HUNT, D. D., LL. D.,
Intellectual and Moral Philosophy.
- JOHN L. GILPATRICK, A. M., PH. D.,
Mathematics.
- RICHARD S. COLWELL, D. D.,
The Greek Language and Literature.
- GEORGE F. MCKIBBEN, A. M.,
The Romance Languages.
- CHARLES L. WILLIAMS, A. M.,
Rhetoric and English Literature.
- WILLIAM H. JOHNSON, A. M.,
The Latin Language and Literature.
- C. JUDSON HERRICK, M. S., PH. D.,
Zoology.
- CLARK W. CHAMBERLAIN, A. B.,
Physics and Chemistry.
- WILLIS A. CHAMBERLIN, A. M.,
The German Language.
- CHARLES E. GOODELL, A. M.,
History and Political Science.
- FRANK CARNEY, A. B.,
Geology and Mineralogy.
- BIRNEY E. TRASK, C. E.,
Civil Engineering.
- MALCOLM E. STICKNEY, A. M.,
Botany.
- HARRIET M. BARKER, A. M.,
History of Art.
- BUNYAN SPENCER, A. M.,
Logic.
- NELLIE A. MONTGOMERY, A. B.,
English Literature.
- JOSEPH W. INCE, A. M.,
Chemistry.
- ADAH T. ECKERT,
Elocution.
- FRANK W. STANTON, A. B.,
Physical Training.

CONDITIONS OF ADMISSION.

Regularly authenticated graduates of Doane Academy are admitted to the Freshman Class without further examination. The graduates of certain approved High Schools are credited with their certified High School work without examination, so far as such work coincides with the entrance requirements of the University.

For candidates prepared elsewhere, examinations for admission to the College classes will be held on the day preceding the beginning of the Fall term, at 9 A. M. (See Calendar).

ENTRANCE REQUIREMENTS.

FOR THE CLASSICAL COURSE the requirements are: *Latin*.—Four Books of Cæsar's Gallic War, seven orations of Cicero, and six Books of Virgil's *Æneid*. It is assumed that the reading of these texts is preceded by the study of the Beginner's Book and Grammar, and that the work in Cæsar and Cicero is accompanied by suitable exercises in Prose Composition. *Greek*.—Grammar and First Lessons; four books of Xenophon's *Anabasis*, accompanied by exercises in Greek Prose Composition. *English*.—In addition to the work in English usually done in the Grammar grade of the Public Schools, the applicant must be prepared for examination in the following subjects: Principles of English Composition; Rhetoric (two terms); English Classics, substantially the amount required by the New England Association, which for 1905 is as follows: Shakespeare's *Merchant of Venice* and *Julius Cæsar*, the *Sir Roger De Coverly Papers*, Goldsmith's *Vicar of Wakefield*, Coleridge's *Ancient Mariner*, Scott's *Ivanhoe*, Carlyle's *Essay on Burns*, Tennyson's *Princess*, Lowell's *Vision of Sir Launfal*, and George Eliot's *Silas Marner*. *Mathematics*.—Algebra, through Quadratics; Plane, Solid and Spherical Geometry. *History*.—History of the United States and one year of General History. *Science*.—Elementary Physics.

FOR THE SCIENTIFIC COURSE. *English, Mathematics and History*, the same as in the Classical Course, just described.

Latin.—The work is the same as described above for the Classical Course, but one year of work in either *Greek*, *German* or *French* may be offered as a substitute for the last year of preparatory Latin. *Science*.—The equivalent of eight terms of science of twelve weeks each must be presented, as follows: *Physics*, with laboratory work, thirty-six weeks; *Chemistry*, with laboratory work, twenty-four weeks; and three terms' work selected from among the following: *Botany*, with laboratory or field work, twelve weeks; *Zoology*, with laboratory work or field work, twelve weeks; *Physical Geography*, twelve weeks; *Elementary Physiology*, twelve weeks; *Advanced Physiology*, with not less than fifty hours laboratory work, twelve weeks; *Mechanical Drawing*, to be accompanied by acceptable plates, certified by the instructor, twelve weeks.

FOR THE PHILOSOPHICAL COURSE: *English*, *Latin*, *History* and *Mathematics*, as in the Classical Course, described above. *Science*, as in the Scientific Course.

A more detailed idea of these requirements may be gained by consulting the tabular statement of courses in Doane Academy, which will be found by consulting the general index, under the heading, Doane Academy. Fair equivalents for any of the studies enumerated will of course be accepted. Candidates for admission must present evidence of good moral character, and if from another college must bring proof of regular dismissal. Each of the collegiate courses occupies four years.

DEFICIENCIES IN CERTAIN BRANCHES.—Students often apply for admission to the regular classes, who are behind those classes in some study. If such students show ability, all possible assistance is afforded them in compassing their purpose. It is sometimes, however, necessary for them to secure private instruction for a short time; but this may be obtained at very reasonable rates.

STUDENTS NOT CANDIDATES FOR A DEGREE.—Students who do not desire to become candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the

Faculty that they can profitably pursue the studies which they may select.

GENERAL REQUIREMENTS FOR GRADUATION.—In estimating the credits for the baccalaureate degrees the unit adopted is one hour a week of lecture or recitation or two hours a week of laboratory work, through one semester. One hundred and twenty-four such units are necessary to the completion of any course of study leading to a degree. Ordinarily, it is expected that the student will complete sixteen such units each semester, and no student will be permitted to elect studies aggregating more than eighteen or less than thirteen units a semester without special permission from the Faculty.

DISMISSION.

Students leaving before the close of a term will not be regarded as having honorably terminated their connection with the University unless regularly dismissed by the President.

SPECIAL STUDIES.

Penmanship, Stenography and Elocution are taught by competent instructors. Charges for these courses, for the present, will be extra.

EXPENSES.

It is believed that a thorough and complete collegiate education can be obtained as cheaply here as in any other college in the country. The following is an estimate of some of the more prominent items of expense.*

Tuition—\$20 each semester	\$40 00
Room rent in the Dormitories, including light and heat, \$17.50 to \$25.00 each semester, according to location	\$25 00 to 50 00
Gymnasium Fee, \$5 each semester	10 00
Incidentals, \$2.50 each semester	5 00
Library Fee, \$1.50 each semester	3 00
Books	12 00
Board, 39 weeks at \$2 per week	78 00
Washing	12 00
Sundries	10 00
Total	\$205 to \$220

* Consult the General Index for reference to expenses in other departments.

Matriculation Fees are as follows: Freshman Class, \$2; Sophomore, \$3; Junior, \$4; Senior, \$5; Electives, \$2.

For the Laboratory fees connected with certain scientific studies, see the statements of the various scientific departments, in the following pages.

Registration Fee, one dollar. For registrations made the first day of a semester, the fee is remitted, for second day, one-half the fee is remitted.

A fee of \$2 is charged for each special examination.

Board in clubs costs from \$2 to \$2.50 per week; in families, \$3 to 3.50. Whatever board costs over \$2 per week must be added to the above estimate. Many students reduce their expenses below this sum.

All bills are to be paid, or satisfactory security for their payment lodged with the treasurer, at the beginning of each semester, before students take their places in their classes. No charge for tuition, room rent, or incidentals will be for less than half a semester.

DORMITORY FURNISHING.

Students rooming in the college dormitories are expected to provide their own bed clothing, towels, soap and other toilet appliances. For the charge specified in the preceding table the college provides the necessary furniture (bedstead, mattress, dresser, book-case, lounge, table and chairs) lights the rooms with electric lights and heats them by means of hot water radiators. The living rooms are all in close proximity to lavatories, on the same floor, where shower baths are provided, with hot and cold water. Students not rooming in the College buildings must have their rooms approved by the Faculty and be subject to the general regulations of the college.

The really necessary expenses of a student for a year, exclusive of clothing and traveling, range from \$200 to \$250, and many students meet a large portion of this by private earnings during the college year.

STATEMENT OF WORK IN THE VARIOUS DEPARTMENTS.

INTELLECTUAL AND MORAL PHILOSOPHY.

PRESIDENT HUNT.

ASSOCIATE SPENCER.

The work in this department comprises four hours a week during the first semester of the Junior year and five hours throughout the Senior year. The method of work is almost exclusively by text-book and recitation, with theses upon assigned topics. Attention is not confined to a single text-book, however, but care is taken to give the students an introduction to the best literature of the subject.

The purpose held constantly in view is not to secure the acceptance of any special theory, but to guide the student in framing his own theory. Emphasis is laid upon the importance of the analytic method in mastering the discussion of philosophical subjects.

Careful attention is devoted to Deductive Logic, and the most helpful systems of symbols and diagrams are introduced.

In teaching Inductive Logic, the most recent developments are investigated, and the whole subject is treated not so much as a system of mere mental gymnastics as a method of practical training for philosophical, scientific and judicial investigations.

In Psychology, the final appeal is made to consciousness, while recognition is given to the results of psychological experiment.

In Ethics, the methods and conclusions of the evolutionary school are passed in review. Especial attention is given to the analysis of conscience, and to the principles in accordance with which the character of acts must be determined.

In Christian Evidences, Christian truth is examined with especial reference to the objections which it has to meet to-day.

The work is given in three courses:

1. *Logic*.—Deductive and Inductive. Junior year, first semester, four hours, Tuesday excepted, 11 A. M. Associate Spencer.

2. (a) *Psychology*.—Senior year, first semester, until Thanksgiving recess. Five hours, 11 A. M.

(b) *History of Philosophy*.—Senior year, first semester, from the Thanksgiving recess to the end. Five hours, 11 A. M.

3. (a) *Ethics*.—Senior year, second semester, until the Spring recess. Five hours, 11 A. M.

(b) *Theism and Christian Evidences*.—Senior year, second semester, from the Spring recess to the end. Five hours, 11 A. M.

These courses are all required of candidates for the various baccalaureate degrees conferred by the University.

MATHEMATICS AND ASTRONOMY.

PROFESSOR GILPATRICK.

1. *Algebra*.—Development of Functions; Convergency of Series, Theories of Logarithms; Permutations and Combinations; Theory of Equations. Four hours per week, Friday excepted. Freshman year, first semester, two sections, 7:40 and 8:40 A. M.

2. *Trigonometry, Plane and Spherical*.—Freshman year, second semester, Monday and Tuesday, two sections, 7:40 and 8:40 A. M.

3. *Analytic Geometry*.—Sophomore year, first semester, four hours per week, Friday excepted, 11 A. M.

4. *Differential Calculus*.—Sophomore year, second semester, four hours, Friday excepted, 11 A. M.

5. *Integral Calculus*.—Junior year, first semester, four hours per week, Friday excepted, 10 A. M.

6. *Teachers' Course in Algebra and Geometry*.—Open to Juniors and Seniors. Second semester, Wednesday and Thursday, 8:40 A. M.

Courses 1 and 2 are required of all students for degrees. Course 3 is required of candidates for the degree of Bachelor of

Science. The remaining courses are not required as prerequisite to graduation, but most of them are required as prerequisite to advanced courses in the various scientific departments. All courses not indicated as required are open as electives to students who have had sufficient preparation, in the judgment of the instructor, but courses 1 to 6 must be taken in regular numerical order.

Astronomy:—

1. *General Astronomy*.—Open as an elective to Juniors and Seniors in all courses. Second semester, Monday, Tuesday and Wednesday, 10 A. M.

GREEK.

PROFESSOR COLWELL.

The following courses are offered:

1. (a) *Lysias*.—Selected orations, with history of Athens under the Thirty Tyrants and the Restoration of the Democracy. (b) *Thucydides*.—Selections, with history of the Peloponnesian War. Reading at sight from *Lysias*, *Lucian*, and the New Testament. Freshman year, first semester, four hours, Wednesday excepted, 10 A. M.

2. (a) *Thucydides*.—Continuation of course 1. (b) *Homer*.—Selections from the *Iliad*, with sight reading from the *Odyssey*. Freshman year, second semester, four hours, Wednesday excepted, 10 A. M.

3. (a) *Demosthenes*.—Selected orations, usually the *Philippics* and *Olynthiacs*. (b) *Herodotus*.—Selections. Sight reading from *Demosthenes*, *Herodotus*, *Diodorus Siculus*, *Xenophon*, and the New Testament. Sophomore year, first semester, four hours, Wednesday excepted, 7:40 A. M.

4. (a) *Herodotus*.—Continuation of course 3. (b) *Plato*.—The *Apology* and *Crito*, with selections from the *Phaedo*. Sight reading from the *Memorabilia* of *Xenophon*. Sophomore year, second semester, four hours, Wednesday excepted, 7:40 A. M.

Courses 1-4 are required of all candidates for the degree of

Bachelor of Arts, and of candidates for the degree of Bachelor of Philosophy who make Greek their major language.

5. *Tragedy*.—Aeschylus, Sophocles, or Euripides. Elective for those who have completed courses 1-4. First semester, four hours, Wednesday excepted, 8:40 A. M.

6. *Aristophanes*.—Elective for those who have completed courses 1-4. Second semester, Tuesday, Thursday, Friday, 8:40 A. M.

7. *New Testament*.—Elective for those who have had courses 1-4. Second semester, Tuesday, Thursday, Friday, 1:30 P. M.

ROMANCE LANGUAGES.

PROFESSOR MCKIBBEN.

This department offers opportunity of studying French, Italian and Spanish. Its aims are: (1) The acquisition of a reading knowledge of the foreign language; (2) linguistic training; (3) introduction to the foreign literature and life.

The method employed includes the following features: Simultaneous beginning of grammar and translation; gradual advance to the new with frequent practice upon the old; the mastery of principles by noting and classifying examples found in the texts studied.

French.—

Of the courses enumerated below, applicants for the degree of Bachelor of Arts are required to take at least course 1. For the degree of Bachelor of Science, courses 1 and 3 are required. For the degree of Bachelor of Philosophy, students who choose French as their major language upon entrance must take courses 1 and 3, and at least two four hour courses in addition. Aside from these requirements the various courses are open as electives to students in all departments, with courses 1 and 3 in order prerequisite to any of the advanced courses.

1. Elementary forms, translation, written exercises. Fraser and Squair's French Grammar, with 40 pages of simple trans-

* lation. A course for beginners. Freshman year, first semester, four hours, Wednesday excepted, two sections, 8:40 A. M. and 1:30 P. M.

2. Scientific French.—Foncin's *Le Pays de France*. First semester, Wednesday, 8:40 A. M.

3. Continuation of the work of course 1. Grammar, with written and oral work in composition. Translation of 150 pages of prose and verse. Freshman year, second semester, four hours, Wednesday excepted, two sections, 8:40 A. M. and 1:30 P. M.

4. Scientific French.—Foncin's *Le Pays de France*, continued from course 2. Second semester, Wednesday, 8:40 A. M.

5. Grammar reviewed, with exercises and dictation. Seventeenth century prose, and Racine's plays. Sophomore year, first semester, four hours, Wednesday excepted, 10 A. M.

6. Scientific French.—Bowen's Reader. First semester, Wednesday, 10 A. M.

7. Review of Grammar, forms and syntax, with composition. Nineteenth century prose and poetry. Sophomore year, second semester, four hours, Wednesday excepted, 10 A. M.

8. Scientific French.—Bowen's Reader. Second semester, Wednesday, 10 A. M.

9. Grammar review continued, with composition. Readings from Chateaubriand. First semester, Thursday and Friday, 2:30 P. M.

10. Composition and dictation. Two dramas of Victor Hugo and Rostand. Second semester, Thursday and Friday, 2:30 P. M.

Italian.—

1. Grandgent's Grammar and Bowen's Reader. Prose and verse of the Risorgimento. Outline of the history of Italian Literature. The forms of the language are learned and practiced in exercises, written and oral, and in translation. Elective in all courses. Second semester, Monday, Tuesday and Wednesday, 2:30 P. M.

Spanish.—

1. Ramsey's Grammar and Reader. The forms of the

language are learned and practiced in written and oral exercises and in translation. Recent prose and verse. Slight reading of business correspondence. Open as an elective to students in all courses. First semester, Monday, Tuesday and Wednesday, 2:30 P. M.

The courses in Spanish and Italian, while intended as electives for upper classmen, may be taken by any who, in the judgment of the instructor, can carry them with profit.

COURSES IN ZOOLOGY.

PROFESSOR HERRICK.

1. *General Biology*.—This course is given jointly by the departments of zoology and botany and is also known as Botany 1. It is designed to illustrate the elementary general principles of biology in both the animal and vegetable kingdoms. Fee, \$2.00. Second semester; lectures at 8:40 on Friday, laboratory work 7:40 to 9:40 on Thursday.

2. *Personal Hygiene*.—One lecture a week during the first semester at 6:30 Tuesday evening. Offered to men only. These are open lectures which all men in the institution are invited to attend informally as auditors. Men who are matriculated in the college may register for the course and upon passing the final examination receive one hour's credit.

3 and 4. *General Zoology*.—Prerequisite BZ 1. Two hours lecture and recitation (based on Weyss's Zoology) and one laboratory period through the year. The second semester will include vertebrate comparative anatomy, with dissections, adapted especially for prospective medical students. Fee, \$2.00 for each course. Lectures at 7:40 Tuesday and Friday, laboratory 7:40 to 9:40, Wednesday.

5. *General Histology*.—Prerequisite, Z 4. This course covers general histology and a portion of special histology (vascular and digestive systems). First semester. Fee, \$3.00. Two hours lectures and recitations (Based on Szymonowicz' Histology), Tuesday and Friday at 10; and two hours' laboratory, Wednesday and Thursday, 1:30 to 3:30.





PHOTOGRAPH BY J. J. L. L. L. L.

6. *Histology*.—Prerequisite Z 5. Special histology (chiefly splanchnology), exclusive of the nervous system. Second semester. Fee, \$3.00. Lectures Tuesday and Friday at 10, laboratory, Wednesday and Thursday, 1:30 to 2:30. Given in alternate years with course 7. Not offered in 1906.

7. *Neurology*.—Prerequisite, Z 5. A brief review of the comparative anatomy of the nervous system is followed by a more thorough study of the gross and minute anatomy of the human brain, for which abundant laboratory material is provided. Second semester. Fee, \$3.00. Lectures Tuesday and Friday at 10, laboratory Wednesday and Thursday, 1:30 to 3:30. Given in alternate years with course 6.

8. *Embryology*.—Prerequisite Z 5. First semester. Fee, \$3.00. Lectures Wednesday and Thursday at 10, laboratory Tuesday and Friday, 1:30 to 3:30.

9. *Comparative Psychology*.—Prerequisite Z 4. Two lectures and one laboratory or seminary period in the second semester. Lectures Wednesday and Thursday at 10, laboratory or seminary Tuesday, 1:30 to 3:30. Not offered in 1905.

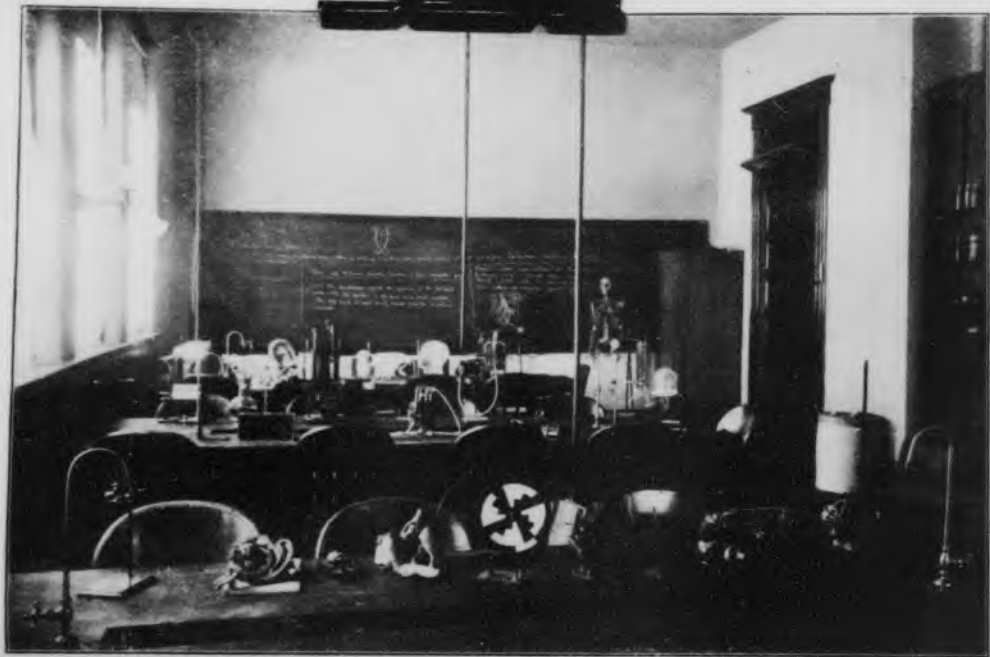
Admission to the class will be limited at the option of the instructor, preference being given to students who have had advanced work in zoology and general psychology (Ph. 2).

10. *Neurology*.—Prerequisite Z 4. Devoted to the structure of the sense organs and to the general physiology of the nervous system, including practice in taking reaction times and the simpler methods of physiological psychology. Second semester. Lectures Wednesday and Thursday at 10, laboratory, Tuesday, 1:30 to 3:30. A second laboratory period may be taken and additional credit allowed.

Courses 9 and 10 will not both be given the same year, or both may be omitted.

12. *Ornithology*.—A course in the natural history and classification of our native birds, given by Professor Stickney. Saturday forenoons in the second semester. Two hours credit.

13. *Advanced Zoology*.—A course on specially assigned problems designed as an introduction to research. Primarily for



PHYSIOLOGICAL LABORATORY

6. *Histology*.—Prerequisite Z 5. Special histology (chiefly splanchnology), exclusive of the nervous system. Second semester. Fee, \$3.00. Lectures Tuesday and Friday at 10, laboratory, Wednesday and Thursday, 1:30 to 2:30. Given in alternate years with course 7. Not offered in 1906.

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9. *Comparative Psychology*.—Prerequisite Z 4. Two lectures and one laboratory or seminary period in the second semester. Lectures Wednesday and Thursday at 10, laboratory or seminary Tuesday, 1:30 to 3:30. Not offered in 1905.

Admission to the class will be limited at the option of the instructor, preference being given to students who have had advanced work in zoology and general psychology (Ph. 2).

10. *Neurology*.—Prerequisite Z 4. Devoted to the structure of the sense organs and to the general physiology of the nervous system, including practice in taking reaction times and the simpler methods of physiological psychology. Second semester. Lectures Wednesday and Thursday at 10, laboratory, Tuesday, 1:30 to 3:30. A second laboratory period may be taken and additional credit allowed.

Courses 9 and 10 will not both be given the same year, or both may be omitted.

12. *Ornithology*.—A course in the natural history and classification of our native birds, given by Professor Stickney. Saturday forenoons in the second semester. Two hours credit.

13. *Advanced Zoology*.—A course on specially assigned problems designed as an introduction to research. Primarily for

graduate students and open for undergraduate election only in special cases. Hours and credits arranged individually.

RHETORIC AND ENGLISH LITERATURE.

PROFESSOR WILLIAMS.

MISS MONTGOMERY.

Throughout the course, which extends over four years, the study of Rhetoric is pursued in combination with the study of literature, American and English. Instruction is given by text book and by notes from the teacher. Themes are required from the beginning to the end of the course. Students are made acquainted with the principles of literary criticism, and are encouraged to develop intelligent appreciation of the best that has been thought and written in English from Cædmon to the present time. A number of electives are offered during the Junior and Senior years. All members of the Senior class are required to appear in public exhibitions during the Winter, the gentlemen with orations and the ladies with essays.

The following courses are given:

1 and 2. *Rhetoric and American Literature*.—Genung's *Working Principles of Rhetoric* and Pattee's *American Literature*. Four hours throughout the Freshman year, Monday excepted, 2:30 P. M.

3 and 4. *English Literature*.—*Beginnings of English Literature* and Chaucer's *Prologue and Knight's Tale* (Carpenter's edition). The *Færy Queen*, Book I (Kitchen's edition) and Notes on Elizabethan Literature. Sophomore year, first and second semesters, Friday, 11 A. M.

5. *English Literature*.—Thayer's *Best Elizabethan Plays* and Notes on Elizabethan Literature. Junior year, first semester, Tuesday, 11 A. M.

6. *English Literature*.—Notes and Winchester's *Principles of Literary Criticism*. Representative authors from Milton to Tennyson. Junior year, second semester, four hours, Friday excepted, 11 A. M.

7. *Rhetoric*.—Essays and Orations. Senior year, first semester, Wednesday, 7:40 A. M.

8. *Anglo-Saxon*.—Sweet's *Anglo-Saxon Primer* and Bright's *Anglo-Saxon Reader*. First semester, four hours, Wednesday excepted, 7:40 A. M. Miss Montgomery.

9. *Elizabethan Literature*.—Based on Professor Saintsbury's book. Second semester, Tuesday and Thursday, 10 A. M. Miss Montgomery.

10. *The English Novel*.—Stoddard's *Evolution of the English Novel*. Second semester, Monday, Wednesday and Friday, 10 A. M. Miss Montgomery.

11. *English Literature*.—Authors of the last half of the Nineteenth Century. First semester, Tuesday and Thursday, 10 A. M.

12. *Shakespeare*.—Prerequisite, course 5. First semester, Wednesday and Friday, 10 A. M.

13. *Later American Writers*.—Second semester, Wednesday and Friday, 10 A. M.

14. *Poetics*.—Gummere's *Poetics*, and Whiteford's *Anthology of English Poetry*. This course is designed to give a technical knowledge of poetry and to develop an appreciation of the English Classics. First semester, Monday, Wednesday, Friday, 10 A. M. Miss Montgomery.

15. *The Short Story*.—Study of the technique of the short story; critical analysis of the best modern writers and original work. First semester, Tuesday and Thursday, 10 A. M. Miss Montgomery.

Courses 1-7 are required of all candidates for degrees. The remaining courses are elective, and open to such students as may be prepared to do the work profitably, in the judgment of the instructor.

LATIN LANGUAGE AND LITERATURE.

PROFESSOR JOHNSON.

Of the following courses, numbers 1, 2, 3 and 4 are required of all applicants for the degree of Bachelor of Arts. Applicants

for the degree of Bachelor of Philosophy who elect Latin as their major language are required to take four semesters of work in the department, four hours per week, beginning with courses 1 and 2. For the remaining two semesters, the student may select between courses 3 and 4, and courses 5 and 6. Aside from this option, any further interchange of courses belonging to the required work of either classical or philosophical students will be allowed only upon special request and for reasons deemed valid by the instructor. Applicants for the degree of Bachelor of Science in the Latin division must take courses 1 and 2. Students in any course who have completed the amount of Latin required for their degree may elect such advanced work in the department as their previous work shall have fitted them to pursue with profit, in the judgment of the instructor.

1. (a) *Cicero*.—*De Senectute* and *De Amicitia*, one to be assigned for translation and the other employed for training in oral reading of the Latin text. (b) *Livy*.—Books XXI-XXII, or I-II. Review of the fundamental principles of Latin Syntax. Four hours per week, Thursday, excepted. First semester, 7:40 A. M.

2. *Odes and Epodes of Horace*.—Sight reading from the *Satires*. Outlines of the History of Roman Poetry. Four hours per week, Thursday excepted. Second semester, 7:40 A. M.

3. *The Roman Stage*.—Two plays of Plautus and one of Terence. Notes on the History of the Ancient Drama. Four hours per week, Thursday excepted. First semester, 8:40 A. M.

4. *Rhetoric and Literary Criticism of the Romans*.—This course is based upon Books X and XII of Quintilian, with collateral work in the rhetorical writings of Cicero, the Epistles of Horace, and the *Dialogus* of Tacitus. The relation of Greek and Roman ideas to present day problems of Rhetoric and Criticism is emphasized. Four hours per week, Thursday excepted. Second semester, 8:40 A. M.

5 and 6. *Historical Course*.—A year's work on the downfall of the Roman Republic and the establishment of the Empire. Readings from Cicero's Letters, Tacitus and the younger Pliny.

Ordinarily, the semesters cannot be taken separately. Four hours per week, Thursday excepted. First and second semesters, 2:30 P. M.

7 and 8. *Virgil*.—A study of the poems of Virgil and their place in the History of Literature from points of view which can not be emphasized in the preparatory courses to which the subject is usually confined. The two semesters are not open to election separately. Monday and Wednesday. First and second semesters, 1:30 P. M.

9 and 10. *Latin Writing*.—This work aims to secure an improvement in the student's power to analyze and appreciate the style of classical Latin authors. It is accompanied by the study of certain problems of Latin Grammar from the historical point of view. The two semesters are not open to election separately. First and second semesters, Tuesday, 1:30 P. M.

PHYSICS.

PROFESSOR CHAMBERLAIN.

INSTRUCTOR BURRER.

The courses in Physics are arranged for four classes of students. 1. Applicants for the degree of B. S., who are taking their major work in other departments. Courses 1-4 are required. 2. Applicants for the degree of B. S., who desire to take their major work in Physics. Courses 1-17 are required. 3. Applicants for the degree of A. B., who desire to elect one or more courses in Physics will find courses 1-7 open to their election. 4. Students who desire to take a technical course in electrical or mechanical engineering. The best education for such engineers is one in which the liberal culture of a college course precedes the training of the technical school, but many cannot afford to spend the time required to complete both college and technical courses.

The best technical schools require many subjects taught in the college of Liberal Arts. A course including all the non-technical studies of the best technical schools has been arranged for students who take their major work in Physics. The successful

completion of this course will fit a student to enter the third year of the technical school, and thus earn both the college and the technical degree in six years. Those who desire to elect this pre-technical group of studies should confer with the Professor of Physics not later than the close of the first semester of the Freshman year.

The following courses are offered:

1. *Mechanics, Heat and Sound.* — Lectures and recitations based upon Hastings and Beach's *General Physics*. Mathematics 3 must be taken at the same time. Required of candidates for the B. S. degree; elective for A. B. Juniors and Seniors. Sophomore, First Semester, Tuesday and Thursday, 1:30 P. M.

2. *Mechanics, Heat and Sound.* — Laboratory course based upon Ames and Bliss. Course 1 must precede or accompany this course. Fee \$1.00. Required of candidates for B. S. degree in the Sophomore year; elective for Classical Juniors and Seniors. First Semester, Wednesday and Friday, 1:30-3:30 P. M.

3. *Light, Electricity and Magnetism.* — Lectures and recitations based upon Hastings and Beach's *General Physics*. Required of B. S. students in the Sophomore year; elective for Classical Juniors and Seniors. Second Semester, Tuesday and Thursday, 1:30 P. M.

4. *Light, Electricity and Magnetism.* — Laboratory course. Text book and requirements as in Course 2. Course 3 must precede or accompany this course. Fee \$1.00. Second semester, Wednesday and Friday, 1:30-3:30 P. M.

5. *Advanced Laboratory.* — General Physical Processes, based upon Stewart and Gee. Prerequisite, 2 and Mathematics 3. Required of students taking their major work in Physics. Fee \$1.00. Junior, first semester, Wednesday and Friday, 7:40-9:40 A. M.

6. *Electrical Measurements.* — One recitation and one laboratory exercise per week based on Carhart and Patterson. Prerequisite, 1-4 and Mathematics 3. Required of students taking their major work in Physics. Fee, \$1.00. Junior, second semester, Tuesday, 10 A. M.; Thursday, 7:40-9:40 A. M.

7. *Electrical Measurements.*—Two laboratory exercises per week, based upon Carhart and Patterson. Prerequisite, 4 and Mathematics 3. Must be preceded or accompanied by 6. Required of students taking their major work in Physics. Junior, second semester, Wednesday and Friday, 7:40-9:40 A. M.

8. *Direct Current Dynamos.*—Lectures and recitations based upon D. C. Jackson's text-book. Course given every other year, alternating with 10. Given in 1905. Prerequisite, 7 and Mathematics 4. Required of students taking their major work in Physics. Senior, first semester, Tuesday and Thursday, 2:30 P. M.

9. *Direct Current Dynamos.*—Laboratory work, including measurements of permeability, characteristic curves, efficiency tests, management of direct current electric plant, etc. Required of students taking their major work in Physics. Prerequisite, 8 and Mathematics 4. Fee \$1.00. Senior, first semester, Tuesday and Thursday, 7:40-9:40 A. M.

10. *Alternating Current Dynamos.*—Lectures and recitations based upon Franklin and Williamson. Alternates with 8. Given in 1906. Prerequisite, 7 and Mathematics, 4. Senior, first semester, Tuesday and Thursday, 2:30 P. M.

11. *Alternating Current Dynamos.*—Laboratory work, including measurements of impedance, self-induction, power, characteristic curves, transformer tests, study of condensers, calibration of instruments, etc. Fee \$1.00. Prerequisite, 10 and Mathematics, 4. Senior, first semester, Wednesday and Friday, 7:40-9:40 A. M.

12. *Advanced Light.*—Lectures and recitations based upon Preston's Theory of Light. Given in 1906, and alternating with 14. Prerequisite, 3 and Mathematics, 4. Senior, second semester, Wednesday and Friday, 10 A. M.

13. *Advanced Light.*—Laboratory work based upon Mann's Optics, including measurements with the Fresnel mirrors and bi-prism, Rowland grating, the prism spectrometer, the Michelson and Morley interferometer, the compound interferometer, etc. Prerequisite, 12 and Mathematics, 4. Fee, \$1.00.

Senior, second semester, Tuesday and Thursday, 7:40-9:40 A. M.

11. *Advanced Heat*.—Lectures and recitations based upon Maxwell's *Theory of Heat*. Given in 1905, and alternating with 12. Prerequisite, 3 and Mathematics 4. Senior, second semester, Wednesday and Friday, 10 A. M.

15. *Advanced Heat*.—Laboratory course. Prerequisite, 14 and Mathematics 4. Fee, \$1.00. Senior, second semester, Tuesday and Thursday, 7:40-9:40 A. M.

16. *Physical Manipulation*.—Laboratory course open only to students taking their major work in Physics. Instruction is given in wood and metal working, glass blowing, cutting, grinding, polishing and silvering, preparation of quartz fibre, etc. Junior and Senior, second semester, Saturday, 8 A. M. to 12 M.

17. *Thesis in Physics*.—Students who are credited with 18 units in Physics and have shown ability to profit by such a course will be assigned some subject for original investigation, under the immediate supervision of the head of the department. Senior, second semester. Three hours a day.

GERMAN LANGUAGE AND LITERATURE.

PROFESSOR WILLIS CHAMBERLIN.

ASSISTANT BERGER.

The aim of the courses is to give a ready knowledge of German and an insight into the life and thought of the German people. German is treated as a living language, and its use as a medium of conversation is cultivated in the class. Interest is stimulated by reference to the history and present conditions of Germany. In the elementary courses special attention is given to linguistic drill. As the courses advance, the study of the literature claims increasing attention. Supplementary reading is encouraged and themes are required, embracing results of independent study. The highest courses include a general study of German literature and particular study of certain periods and authors.

Of the following courses, candidates for the A. B. degree are required to take course 1, in the Sophomore year. Candidates

for the B. S. degree must take at least courses 1-2. Candidates for the B. Ph. degree who elect German as their major language must take at least courses 1-4.

1. *Elementary Course*. — Essentials of Grammar; translation of easy prose and poetry, with comparative study of forms and meanings of words; composition. First semester, four hours, Wednesday excepted, two sections, 10 A. M. and 1:30 P. M.

2. *Elementary Course continued*. — Stories by recent writers; lyric poetry; composition and oral drill. Second semester, four hours, Wednesday excepted, two sections, 10 A. M. and 1:30 P. M.

3. *Recent Fiction*. — Representative authors, such as Baumbach, Heyse, Keller and Riehl; translation into English decreases in favor of oral and written exercises requiring direct use of the foreign idiom; rapid survey in German of grammatical principles; study of word-groups; reading at sight; composition one hour a week. First semester, five hours, 10 A. M.

4. (a) *German Dramatic Poetry*, considered with reference to its literary features; Schiller's *Wilhelm Tell*, *Maria Stuart*, Lessing's *Minna von Barnhelm*; discussion of the principles of the drama; reviews and themes in German.

(b) *Epic Poetry*; Goethe's *Hermann und Dorothea*.

(c) *Historical Prose*, from Freytag, Ranke, Sybel and other representative historians. Second semester, 5 hours, 10 A. M.

5. *German Culture and Literature in the Classical Period*: Selections from Lessing's *Literaturbriefe*, *Hamburgische Dramaturgie* and *Letters*; *Nathan der Weise* and *Emilia Galotti*; Schiller's *Wallenstein*; Goethe's *Aus meinem Leben*. Lectures and discussions; Themes in German. First semester, Monday, Wednesday and Friday, 8:40 A. M.

6. *Continuation of Course 5*: Selections from Goethe's Prose and Lyric Poems; *Faust I* with Selections and Résumés of Part II. Second semester, Monday, Wednesday and Friday, 8:40 A. M.

7. *Survey of German Literature*: Moore's German Literature, supplemented by outlines and collateral readings in German and English; selections from Müller's *German Classics*. Second semester, Tuesday and Thursday, 8:40 A. M.

8. *Teachers' Course*.—Aims and methods in Modern Language study, practice lessons and classroom discussions. First semester, Tuesday, 8:40 A. M.

HISTORY AND POLITICAL SCIENCE

PROFESSOR GOODELL

Throughout the work in History, it will be the purpose to supplement the lectures and recitations with reports from the class on topics assigned for individual investigation. Research work is considered a matter of prime importance to the student in this department and will be rigidly required of all who desire credits therein.

The courses offered for 1905-1906 are as follows:

1. *Modern Europe*.—Special attention will be devoted to the Renaissance, the Reformation, the Thirty Years' War, Development of French Absolutism, the French Revolution and the Napoleonic Wars. This course, designed for Sophomores, is required of all Classical students, and with course 2 is prerequisite for courses 8 and 9. Open to all who have had an equivalent to the required History in the Academy. First semester, four hours, Friday excepted, 2:30 P. M.

2. *Nineteenth Century*.—Continues course 1, with special emphasis on the growth of representative institutions and the organization of national governments. Some attention will also be given to diplomatic history, but mainly as this bears on problems of internal government. Prerequisite, History No. 1. Second semester, four hours, Friday excepted, 2:30 P. M.

3. *Formation of American Union*.—A general course which, with 4, runs through the year. Course 3 begins with 1783 and closes with Jackson's second administration. Special attention will be given to topics in Constitutional and Diplomatic His-

tory. Designed especially for Juniors and Seniors, and open to no one below these classes except by express permission of the instructor. Courses 1 and 2, strongly advised as a preparation for this and following course. First semester, Monday, Wednesday and Friday, 1:30 P. M.

4. *Civil War and Reconstruction.*—Continues History 3, with emphasis on the causes of the Civil War and the principles involved in Reconstruction. Prerequisite, History 3. Second semester, Monday, Wednesday and Friday, 1:30 P. M.

5. *Constitutional Law.*—Federal Constitution. Open to Juniors and Seniors and others, at discretion of instructor. Prerequisite, History 3 and 4. In connection with a study of the principles of Constitutional Law as presented in some standard text book, a careful study will also be made of the leading cases which have given the Constitution its present development. The aim will be to teach the student to interpret the Constitution for himself, to the end that he may be the better fitted to perform the duties of citizenship. It is not, therefore, designed merely for prospective lawyers, but for the intelligent citizen as well. First semester, Tuesday and Thursday, 1:30 P. M.

6. *Constitutional Law.*—State Constitutions. Continues course 5, with particular reference to the protection of civil and religious liberty and the development of the powers of local and state governments under the State Constitution. Second semester, Tuesday and Thursday, 1:30 P. M.

7. *Economics.*—An investigation of the leading principles of Political Economy. Lectures, recitations and reports on assigned topics. Open to Juniors and Seniors and others at the discretion of the instructor. First semester, Monday, Wednesday and Friday, 10 A. M.

8. *International Law.*—Open to Juniors and Seniors and others at the discretion of the instructor. A study of the general principles of International Law. The work of the text,—some standard authority on the subject,—will be supplemented by lectures and a study of some of the leading cases in International

Law. Prerequisite, History 1 and 2. First semester, Tuesday and Thursday, 10 A. M.

9. *International Law*.—Continues and completes course 8. Second semester, Tuesday and Thursday, 10 A. M.

10. *Public Finance*.—Chiefly a study of the principles of taxation, including a comparison of the systems of taxation adopted in various countries. Prerequisite, History 7. (Economics). Second semester, Monday, Wednesday and Friday, 10 A. M.

GEOLOGY.

PROFESSOR CARNEY.

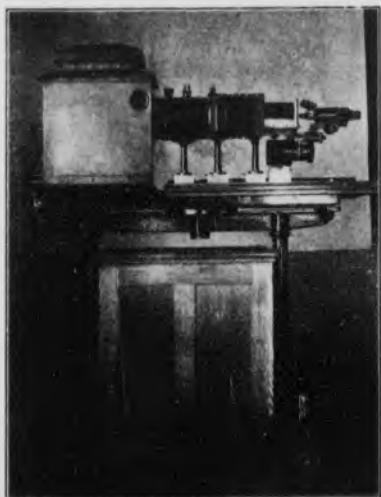
1 and 2. *General Physical Geography*.—Three hours throughout the year; course cannot be divided. Two hours of lectures, one of field and laboratory work. The course concerns itself with the evolution of surface features, and the influence these features have on mankind. Two all day Saturday trips are required; another is offered and may be substituted for two laboratory periods. First and second semesters, lectures Monday and Wednesday, 8:40 A. M.; field and laboratory period, Tuesday, 2:30 P. M.

3 and 4. *General Geology*.—Three hours throughout the year; course cannot be elected by semesters. Two hours of lectures, one of field and laboratory work. This course considers the inception, extension and variation of land areas. Attention is given to the historical as well as to the dynamic and physiographic sides of the subject. Two all day Saturday trips are required; another is offered and may be substituted for two laboratory periods. Credit, two hours without the laboratory and field work; four hours if taken complete. First and second semesters, lectures Tuesday and Thursday, 8:40 A. M.; field and laboratory work, Monday, 2:30 P. M.

5. *Elementary Meteorology*.—Lectures and laboratory work. This course considers the air, and general atmospheric circulation; general and local winds; a study of the relation of



LATIN CLASS ROOM.



PROJECTING LANTERN, DEPARTMENT OF GEOLOGY.

Law. Prerequisite, History 1 and 2. First semester, Tuesday and Thursday, 10 A. M.

9. *International Law*.—Continues and completes course 8. Second semester, Tuesday and Thursday, 10 A. M.

10. *Public Finance*.—Chiefly a study of the principles of taxation, including a comparison of the systems of taxation adopted in various countries. Prerequisite, History 7, (Economics). Second semester, Monday, Wednesday and Friday, 10 A. M.

GEOLOGY.

PROFESSOR CARNEY.

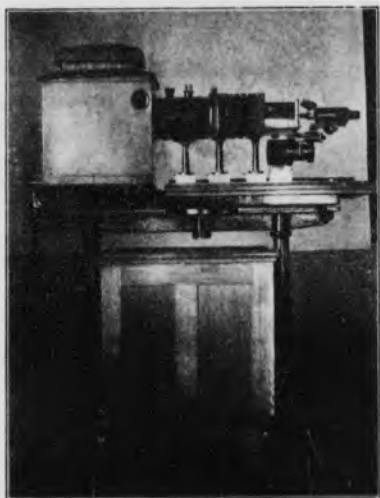
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weather elements and weather prediction, noting in particular the association of cyclones and anticyclones, wind direction and velocity, and atmospheric pressure. Geology 1-2 must precede, or be taken in conjunction with this course. Second semester, Monday and Tuesday, 7:40 A. M.

6. *General Economic Geology*.—Lectures, recitations and laboratory work. A study of the origin and nature of the metallic and non-metallic products of commercial value, with special emphasis upon those of the United States. Prerequisite, Geology 3-4. First semester, Monday and Tuesday, 7:40 A. M.

7. *Mineralogy*.—Lectures and recitations accompanied by laboratory work. Prerequisites, Geology 3-4, Chemistry 5, Physics 1. Fee, \$3.00. First semester, lectures, Wednesday and Thursday, 7:40 A. M.; Laboratory, Wednesday, 1:30-3:30.

8. *Crystallography*.—Lectures and recitations accompanied by laboratory work. Prerequisites, Geology 7, Physics 2-3. Second semester, Wednesday and Thursday, 7:40 A. M.; Laboratory, Wednesday, 1:30-3:30.

9 and 10. *Glacial Geology*.—Three hours throughout the year; course can not be divided. Open to students who are doing special work in Geology. Prerequisites, Geology 1-4, Chemistry 1-3. The object of the course is to investigate and map the Pleistocene geology of a limited area about Granville. During the open season the work is carried on entirely in the field; during the winter the students of the course constitute a Seminary for considering reports made upon assigned readings in the literature of glacial geology. Saturday all day during the fall and spring; Wednesday 3:30-5 during the winter.

[*Lithology*.—Lectures and recitations, accompanied by laboratory work. Fee, \$3. First semester, three credit hours per week. Not given in 1905.]

CIVIL ENGINEERING.

ASSISTANT PROFESSOR TRASK.

In field work the classes are divided into parties with just a sufficient number to do the required work. By rotation each mem-

ber of the class becomes familiar with the duties of each position and with every different instrument used. A full set of notes of the work done by the party is kept by each member. The method of instruction in this department is largely by means of text-books and recitations, supplemented by lectures and individual instruction in field and office work. The department is supplied with a large collection of blue prints of railroad standards, bridge standards, shop-drawings, etc. A liberal use is made of current engineering literature. In the courses in drawing the main object is to give such a training as will meet the needs of the engineer as fully as possible.

The following courses are offered:

1. *Mechanical Drawing*.—Use and care of drawing instruments, lettering, exercises in projection, and simple working drawings. Prerequisite, preparatory mathematics. Second semester, Wednesday and Friday, 7:40 A. M. Fee, \$1.00.

Additional hours will be arranged individually. A course supplementary to the above will be offered to students desiring more extended work.

2. *Descriptive Geometry*.—A study of the representation of lines, surfaces, solids, tangencies, intersections, and developments, with original problems. Recitations, lectures and drawing. Hours for drawing will be assigned. Prerequisite, course 1. This course will alternate with course 13. First semester, Tuesday, Thursday and Friday, 10 A. M.

3. *Plane Surveying*.—An elementary study of surveying methods and instruments. Use of tape, chain, compass, level, transit. Adjustments. Lectures, recitations, problems, field work and platting. Prerequisites, course 1 and Mathematics 2. Second semester, four hours, Monday excepted, 10 A. M. to 12 M. Fee, \$1.00.

4. *Railroad Surveying and Earth-work*.—Problems attending the location and construction of railways. Transition curves, computation of earth-work, platting, profiles and construction of maps. This course will alternate with course 5. Prerequisite,

course 3. First semester, four hours, Monday excepted, 7:40 A. M. Field work on Saturdays. Fee, \$1.00.

5. *Topographical Surveying and Mapping*.—The methods of conducting topographical surveys are taken up. Each party makes a complete topographical survey of a certain tract, employing stadia, transit and rectangular methods. The area is computed and a map is made showing all topographical features. Alternates with course 4. Prerequisite, course 3. First semester, four hours, Monday excepted, 7:40 A. M. Field work on Saturdays. Fee, \$1.00.

6. *Sanitary Engineering*.—Systems of sewerage with methods of purifying sewage; house drainage, with visits of inspection and reports on existing systems. Specifications and estimates. Prerequisite, course 1. Alternates with course 12. First semester, Tuesday and Thursday, 8:40 A. M.

7. *Analysis of Structures*.—Determination of stresses in roof and bridge trusses by graphical and analytical methods. This course alternates with course 20 and should be taken with course 12. Prerequisites, course 1, Mathematics 5 and Physics 1. First semester, four hours, Monday excepted, 1:30 P. M.

8. *Strength of Materials*.—This includes also an introduction to the designing of structures. Alternates with courses 10 and 14. Prerequisite, courses 7 and 12. Second semester, four hours, Monday excepted, 1:30 P. M.

9. *Topographical Drawing*.—Topographical signs, pen and colored topography, tinting, line and brush shading, enlarging and reducing plats, etc. Prerequisite, course 1. First semester, Wednesday and Friday, 10 A. M. Additional hours will be assigned.

10. *Highway Construction and Maintenance*.—A study is made of the methods and materials necessary to maintain streets and highways in city and country. This course alternates with course 8. Second semester, Tuesday and Thursday, 1:30 P. M.

11. *Railroad Engineering*.—The economic theory of location is studied for six weeks. This is followed by a preliminary survey of a railroad several miles in length, with preliminary

map, profile and estimates; location survey, profile and cross sectioning. A location map is made, earth-work computed, estimate of haul and cost of the line. A map is also made of a railroad station grounds, showing industries, etc. Alternates with course 15. Prerequisite, course 4. Second semester, four hours, Monday excepted, 8:40 A. M. Field work on Saturdays. Fee, \$1.00.

12. *Applied Mechanics*.—Statics, with illustrative examples, stresses in beams, moments of inertia; dynamics, strength of beams, girders and shafts. The principles of mechanics are studied with reference to their application to engineering. This course alternates with courses 6 and 16, and should be taken with course 7. Mathematics 5 and Physics 1 are prerequisite. First semester, four hours, Monday excepted, 8:40 A. M.

13. *Drafting*.—Assembly drawings and tracings are made from sketches. Sketches of a complete machine, giving dimensions, are made by the student, from which he makes working drawings. Each student makes blue prints of his tracings. Alternates with course 2. Course 1 prerequisite. First semester, Tuesday, Thursday and Friday, 10 A. M.

14. *Water Supply and Irrigation Engineering*.—A study of water supply from both sanitary and engineering standpoints. The principles and practices involved in the design, construction and operation of irrigation structures and systems. Lectures, recitations and technical essays. Alternates with course 8. Second semester, Wednesday and Friday, 1:30 P. M.

15. *Details of Construction*.—Working Drawings of various structures are studied and discussed. A bridge or steel building is then designed and working drawings are made. Lectures and problems in class room and drawing room for work in designing. The collection of blue prints and designs in possession of the department is used for illustrative purposes. This course alternates with course 11 and should accompany course 8. Courses 7 and 12 prerequisite. Second semester, four hours, Monday excepted, 8:40 A. M. Additional hours will be assigned.



DRAWING ROOM, DEPARTMENT OF CIVIL ENGINEERING.



CLASS IN CIVIL ENGINEERING.

map, profile and estimates; location survey, profile and cross sectioning. A location map is made, earth-work computed, estimate of haul and cost of the line. A map is also made of a railroad station grounds, showing industries, etc. Alternates with course 15. Prerequisite, course 4. Second semester, four hours, Monday excepted, 8:40 A. M. Field work on Saturdays. Fee, \$1.00.

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DRAWING ROOM, DEPARTMENT OF CIVIL ENGINEERING.



CLASS IN CIVIL ENGINEERING.



16. *Railroad Standards*. — Drawings are made of various railroad standards. Specifications and estimates are made for railroad structures. Alternates with course 12 and should accompany course 4. Prerequisite, course 3. First semester, Wednesday and Friday, 8:40 A. M.

17. *Masonry Construction*. — A study is made of the nature of the materials and methods employed in the construction of stone, brick and concrete structures, piers, retaining walls, dams and reservoirs, with specifications for these structures. Alternates with course 7. Prerequisite, Mathematics 5 must precede or accompany this course. First semester, four hours, Monday excepted, 1:30 P. M.

18. *Lettering*. — A study is made of mechanical and free-hand lettering of standard types, with practice in making titles. First semester, Wednesday and Thursday, 10 A. M. Additional hours will be assigned individually.

19. *Lettering*. — A continuation of course 18. Second semester, Wednesday and Friday, 7:40 A. M. Additional hours assigned individually.

20 and 21. *Technical Reading*. — Study and discussion of current engineering periodicals. Open to students in Engineering courses. First and second semesters, Friday, 3:30 P. M. One hour credit. Fee, \$1.00.

BOTANY.

ASSISTANT PROFESSOR STICKNEY.

1. *General Biology*. — Identical with Zoology 1. Fee \$2.00. Second semester, lectures at 8:40 A. M. on Friday; laboratory work, 7:40 to 9:40 A. M. on Thursday.

4. *The Lower Cryptogams*. — The structure, development, reproduction, and classification of bacteria, mycetoza, higher fungi and algae. Lectures, laboratory and field work. Prerequisite, course 1. Fee, \$3.00. First semester, lectures, Tuesday and Thursday, 2:30 P. M.; laboratory, Monday, Wednesday and Friday, 1:30-3:30 P. M.

5. *Systematic Botany*.—The classification of Phanerogams and Ferns. Lectures, laboratory and field work. Prerequisite course 4. Fee, \$3.00. Second semester, lectures, Tuesday and Thursday, 2:30 P. M.; laboratory, Monday, Wednesday and Friday, 1:30-3:30 P. M.

8. *Morphology and Histology of Phanerogams*.—The study of cells, tissues and organs. Special reference to the technique of microscopic study. Lectures and laboratory work. Prerequisite course 1. Fee, \$3.00. First semester, lectures, Tuesday and Thursday, 2:30 P. M.; laboratory, Monday, Wednesday and Friday, 1:30-3:30 P. M.

9. *Physiology and Ecology of Phanerogams*.—The study of the various activities of the higher plants, and of the relation of those activities to form and structure. Lectures and laboratory work. Prerequisite course 8, Chemistry and Physics. Fee, \$3.00. Second semester, lectures, Tuesday and Thursday, 2:30 P. M.; laboratory, Monday, Wednesday and Friday, 1:30-3:30 P. M.

CHEMISTRY.

INSTRUCTOR INCE.

1, 2. *General Inorganic Chemistry*.—Through the year, 4 credit hours per semester. Two lectures or recitations and two laboratory periods of two hours each per week. The descriptive chemistry of the non-metals and metals, and theoretical and elementary physical chemistry. Prerequisite, Preparatory Chemistry and Physics. Required of B. S. Freshmen. Fee, \$3.00 per semester. Monday and Thursday, 10-12 A. M.; Tuesday and Friday, 11 A. M.

3, 4. *Analytical Chemistry*.—Through the year, 4 credit hours per semester. One lecture or written exercise and three laboratory periods of two hours each per week. The study of the properties of the metallic and non-metallic elements and their separation from their compounds. Theory of analytical chemistry, stoichiometry and the consideration of quantitative instruments. Prerequisite, Chemistry 1, 2. Fee, \$4.00 per semester.

Monday, 1:30 P. M.; Monday, Wednesday and Friday, 7:40-9:40 A. M.

5, 6. *Advanced Inorganic Chemistry*. — Through the year, 5 credit hours per semester. One lecture and four laboratory periods of two hours each per week. A review of general and physical chemistry and the study of industrial processes. The preparation of some typical inorganic compounds leading up to the study of the properties of the special series. Prerequisite, Chemistry 3, 4. Fee, \$5.00 per semester. Tuesday 1:30 P. M.; 4 laboratory periods, 7:40-9:40 A. M.

7, 8. *Advanced Quantitative Analysis*. Through the year, 3 credit hours per semester. Laboratory work and reports. Gravimetric, volumetric, and electrolytic processes of analysis of minerals, ores, and commercial products. Prerequisite, Chemistry 3, 4. Fee, \$4.00 per semester. Three laboratory periods, 7:40-9:40 A. M.

9, 10. *Organic Chemistry*. Through the year, 3 credit hours per semester. Lectures and laboratory work. Prerequisite, Chemistry, 1, 2. Fee, first semester \$1.00; second semester, \$3.00. First semester, Monday and Thursday, 2:30 P. M., and one laboratory period, 7:40-9:40 A. M. Second semester, three laboratory periods, 7:40-9:40 A. M.

HISTORY OF ART.

MISS BARKER.

The aim of these courses is not only to give the student a knowledge of the art history of the world and to fit him for foreign travel, which in this day has become so essential a factor in one's training and culture, but to lead him through a knowledge of the fundamental principles of æsthetics, to a truer appreciation of that which is good in the world of fine arts. A valuable History of Art library is at the disposal of the members of the class. Note books are used throughout the year for lectures; maps, cathedral plans, and photographs of the masterpieces under consideration are provided.

The courses enumerated below are all elective for Juniors and Seniors.

1. *History of Painting.*—Hoyt's *World's Painters* and Van Dyke's *History of Painting* are used as text books. The aim of this course is to study the history of painting by epochs. Beginning with the Gothic period of Italian Art ushered in by Cimabue and his followers, a careful study is made of the gradual evolution of painting, through the Renaissance and Decadent Periods of Italian Art, laying special stress upon the works of those men in whom the High Renaissance spirit of Italian painting reached its culmination. The second half of the term's work is spent upon the other great national schools of art, with concluding lessons on American painting. First semester, 5 hours, 10 A. M.

2. *History of Architecture.*—Text-books, Hamlin's *History of Architecture* and Bell's *Description and Itinerary of English Cathedrals*. After a general introduction to the history of architecture, and a consideration of the relations of architecture, sculpture and painting, the study is taken up by periods, beginning with the ancient Empire of Egypt and continuing through the Renaissance in Europe. A series of lessons follows on the Architecture of English Cathedrals. The work concludes with a study of recent architecture in Europe and the United States. The aim is to give a general view of the historic styles of architecture and a thorough understanding of their essential elements. The evolution of these styles is noted, with a careful study of their constructive and decorative principles. Second semester, Monday, Wednesday and Friday, 10 A. M.

3. *History of Sculpture.*—Text-book, Marquand and Frothingham's *History of Sculpture*. As the history of sculpture is mainly a history of the influence of Greek art on later times, most of the term's study is devoted to the sculpture of Greece and a comparison of its sculpture with that of other countries and epochs. To this is added elementary instruction in the criticism of sculpture. Second semester, Tuesday and Thursday, 10 A. M.

COURSES OF STUDY.

The unit of work is one hour of lecture or recitation work per week throughout a semester, and 124 units are required to complete a course. *In laboratory work a two-hour period counts as one unit.* Without special permission to do otherwise, each student is expected to take not less than thirteen nor more than eighteen units of work in any one semester. For aid in choosing electives, the student will consult the schedules for the respective semesters, which will be found a few pages further on.

To insure the organization of classes in purely elective studies, the student must announce his election of any given study to the Professor or Instructor concerned thirty days previous to the close of the preceding semester.

I. FOR THE DEGREE OF BACHELOR OF ARTS.

Required Courses.

The numerals following names of studies refer to the numbered courses described under statements of the various departments of study immediately preceding.

FRESHMAN YEAR.

First Semester.—English 1, Greek 1, Latin 1, Mathematics 1.

Second Semester.—English 2, Greek 2, Latin 2, Mathematics 2. Elective, two hours.

SOPHOMORE YEAR.

First Semester.—English 3, Greek 3, Latin 3, History 1. Elective, two to four hours.

Second Semester.—English 4, Greek 4, Latin 4, History 2. Elective, two to four hours.

JUNIOR YEAR.

First Semester.—English 5, Philosophy 1 (Logic). Elective, ten to twelve hours.

Second Semester.—English 6. Elective, ten to thirteen hours.

SENIOR YEAR.

First Semester.—English 7, Philosophy 2 (Psychology). Elective, eight to eleven hours.

Second Semester.—Philosophy 3. Elective, ten to twelve hours.

ELECTIVE STUDIES.

Of the 124 units required, 77 units are prescribed, as above. From the elective studies offered in the various departments, as above described, 47 additional units must be chosen, distributed as follows: *Freshman*, 2 to 4 units; *Sophomore*, from 4 to 8 units; *Junior*, from 20 to 25 units; *Senior*, from 18 to 23 units. Of these elective units there must be at least four in French, four in German, and ten in consecutive work in some one department of Scientific study.

II. FOR THE DEGREE OF BACHELOR OF SCIENCE.

Required Courses.

FRESHMAN YEAR.

First Semester.—English 1, Mathematics 1, German, French or Latin (4 hours), Chemistry 1.

Second Semester.—English 2, German, French or Latin (4 hours), Mathematics 2, Chemistry 2. Elective, from two to four hours.

SOPHOMORE YEAR.

First Semester.—English 3, German or French (4 hours), Mathematics 3, Physics 1. Elective, two to five hours.

Second Semester.—English 4, German or French (4 hours), Physics 2. Elective four to eight hours.

JUNIOR YEAR.

First Semester.—English 5, Philosophy 1 (Logic). Elective, ten to twelve hours.

Second Semester.—English 6. Elective, ten to thirteen hours.

SENIOR YEAR

First Semester.—English 7, Philosophy 2 (Psychology).
Five, six, eight to eleven hours.

Second Semester.—Philosophy 3. Elective, ten to twelve
hours.

15 units are required, as above, or 25 if second year German is taken. Of the remaining 42 or 51 units not less than 14 nor more than 24 must be selected from some one of the departments: Biology (B), Chemistry (C), Civil Engineering (CE), Geology (G), Physics (P). At least 8 units of French and 8 of German must be presented by all candidates for the B. S. degree. The balance of time not provided for by the requirements of the preceding table is open to free election. Elections should be announced by the student to the instructor in charge of the study concerned thirty days previous to the end of the preceding semester, in order to insure the formation of classes.

III. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

The applicant for this degree must in every case have had the same amount of preparatory Latin as is required for entrance to Freshman Latin. He must elect upon entrance a Major Language, which may be either Latin, French, German, or Greek, or may be preparatory Greek for entrance. In this Major Language he must take two years of consecutive work, and previous to graduation he must elect not less than two years more of foreign language work, such election to be made in consultation with the head of the department in which his Major Language is taken.

Required Studies.

FRESHMAN YEAR

First Semester.—English 1, Major Language 1, Mathematics 1. Elective, four hours.

Second Semester.—English 2, Major Language 2, Mathematics 2. Elective, six to eight hours.



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have been filmed incorrectly...

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SENIOR YEAR.

First Semester.—English 7, Philosophy 2 (Psychology). Elective, eight to eleven hours.

Second Semester.—Philosophy 3. Elective, ten to twelve hours.

ELECTIVE STUDIES.

Of the 124 units required, 77 units are prescribed, as above. From the elective studies offered in the various departments, as above described, 47 additional units must be chosen, distributed as follows: *Freshman*, 2 to 4 units; *Sophomore*, from 4 to 8 units; *Junior*, from 20 to 25 units; *Senior*, from 18 to 23 units. Of these elective units there must be at least four in French, four in German, and ten in consecutive work in some one department of Scientific study.

II. FOR THE DEGREE OF BACHELOR OF SCIENCE.

Required Courses.

FRESHMAN YEAR.

First Semester.—English 1, Mathematics 1, German, French or Latin (4 hours), Chemistry 1.

Second Semester.—English 2, German, French or Latin (4 hours), Mathematics 2, Chemistry 2. Elective, from two to four hours.

SOPHOMORE YEAR.

First Semester.—English 3, German or French (4 hours), Mathematics 3, Physics 1. Elective, two to five hours.

Second Semester.—English 4, German or French (4 hours), Physics 2. Elective four to eight hours.

JUNIOR YEAR.

First Semester.—English 5, Philosophy 1 (Logic). Elective, ten to twelve hours.

Second Semester.—English 6. Elective, ten to thirteen hours.

SENIOR YEAR.

First Semester.—English 7, Philosophy 2 (Psychology). Elective, eight to eleven hours.

Second Semester.—Philosophy 3. Elective, ten to twelve hours.

73 units are required, as above, or 75 if second year German is taken. Of the remaining 49 or 51 units not less than 14 nor more than 24 must be selected from some one of the departments, Biology (B), Chemistry (C), Civil Engineering (CE), Geology (G), Physics (P). At least 8 units of French and 8 of German must be presented by all candidates for the B. S. degree. The balance of time not provided for by the requirements of the preceding table is open to free election. Elections should be announced by the student to the instructor in charge of the study concerned thirty days previous to the end of the preceding semester, in order to insure the formation of classes.

III. FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

The applicant for this degree must in every case have had the same amount of preparatory Latin as is required for entrance to Freshman Latin. He must elect upon entrance a Major Language, which may be either Latin, French, German, or Greek, in case he presents preparatory Greek for entrance. In this Major Language he must take two years of consecutive work, and previous to graduation he must elect not less than two years more of foreign language work, such election to be made in consultation with the head of the department in which his Major Language is taken.

Required Studies.

FRESHMAN YEAR.

First Semester.—English 1, Major Language 1, Mathematics 1. Elective, four hours.

Second Semester.—English 2, Major Language 2, Mathematics 2. Elective, six to eight hours.

SOPHOMORE YEAR.

First Semester.—English 3, Major Language 3. Elective, ten to twelve hours.

Second Semester.—English 4, Major Language 4. Elective, ten to twelve hours.

JUNIOR YEAR.

First Semester.—English 5, Philosophy 2 (Logic). Elective, ten to twelve hours.

Second Semester.—English 6. Elective, ten to thirteen hours.

SENIOR YEAR.

First Semester.—English 7, Philosophy 2 (Psychology). Elective, eight to eleven hours.

Second Semester.—Philosophy 3. Elective, ten to twelve hours.

56 units are required, as above, leaving 68 units open to election. Of these, 16 units must be in foreign language work, as indicated in the paragraph preceding the table of required studies. In the second semester of the Freshman year, Mathematics, Chemistry or French must be chosen. In the Sophomore year, two studies must be selected from the three groups, (1) Mathematics, (2) Science, (3) History, and pursued throughout the year.

ABBREVIATIONS.

The following abbreviations occur in the succeeding pages, chiefly in the Schedule of recitation, lecture and laboratory hours.

DEPARTMENTS OF STUDY.

Intellectual and Moral Philosophy	Ph.
Mathematics	M.
Astronomy	A.
Civil Engineering	CE.
Greek	Gr.
German	Ger.
French	F.
Italian	I.
Spanish	S.
Chemistry	C.
Physics	P.
Geology	G.
Botany	Bot.
Zoology	Z.
Rhetoric and English Literature	E.
Latin	L.
History and Political Science	H.
History of Art	HA.

CLASSES.

Freshman	F.
Sophomore	S.
Junior	J.
Senior	Sr.

DAYS.

Monday	M.
Tuesday	T.
Wednesday	W.
Thursday	Th.
Friday	F.

Certain courses are marked with a star in the following tables. Such courses are not given every year, but alternate with other courses in the same department. For particulars, see the detailed description of the courses in the statement of the work of the department concerned, which may be found by consulting the general index.

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SCHEDULE---Second Semester[illegible]

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II. SHEPARDSON COLLEGE.

HISTORICAL STATEMENT.

For several years prior to 1900, under joint agreement of the authorities of the two schools, the facilities of Denison University, including instruction, were largely accessible to the students of Shepardson College. The practical working of this arrangement gradually pointed the way to a still closer union, making it possible to offer to both daughters and sons of the patrons of the two schools an education in all respects equal, and receiving equal recognition upon completion.

In June, 1900, following these indications of practical experience, such a union was effected. The courses of Denison University, its class rooms, its material equipment and its degrees, were opened to the students of Shepardson College on exactly the same terms as to young men. While Shepardson College thus became a department of the University, co-ordinate in all scholastic matters with Granville College, it still retains its legal identity, and offers on its own account one course, differing from any of the courses of the University and leading to the title of Associate in Literature.

As the Boards of Trustees and the courses of instruction (with the exception just noted) are now the same for Granville College and Shepardson College they are not here repeated, but may be found, with other general information, in the preceding pages of the catalogue.

COMMITTEES.

Executive Committee.

E. W. HUNT, D. M. SHEPARDSON,
BUNYAN SPENCER, J. R. DAVIES.
J. M. SWARTZ.

Committee to Assign Scholarships.

E. W. HUNT. J. R. DAVIES,
B. F. PATT.

Advisory Committee.

CLASS I.—Term expires in 1905.

MRS. J. F. CAMPBELL, Canton.
MRS. WILSON CHISHOLM, Cleveland.
MRS. R. S. COLWELL, Granville.
MRS. L. T. SCHOFIELD, Cleveland.
MRS. E. B. SOLOMON, Dayton.

CLASS II.—Term expires in 1906.

*MRS. J. M. AMOS, Cambridge.
MRS. E. K. NICHOLS, Wilmington.
MRS. B. F. McCANN, Dayton.
MRS. J. H. McKIBBEN, Cincinnati.
Mrs. ————.

CLASS III.—Term expires in 1907.

MRS. G. M. PETERS, Cincinnati.
MRS. J. A. ROBERT, Dayton.
MRS. C. T. LEWIS, Toledo.
MRS. J. R. DAVIES, Newark.
MRS. S. F. VAN VOORHIS, Newark.

* Deceased.

OFFICERS OF INSTRUCTION AND GOVERNMENT.

EMORY W. HUNT, D. D., LL. D.,
PRESIDENT.

Intellectual and Moral Philosophy.

HARRIET M. BARKER, A. M.,
DEAN.

History of Art.

JOHN L. GILPATRICK, PH. D.,
Mathematics.

RICHARD S. COLWELL, D. D.,
Greek.

GEORGE F. MCKIBBEN, A. M.,
Romance Languages.

CHARLES L. WILLIAMS, A. M.,
Rhetoric and English Literature.

WILLIAM H. JOHNSON, A. M.,
Latin.

C. JUDSON HERRICK, PH. D.,
Zoology.

CLARK W. CHAMBERLAIN, A. B.,
Physics.

WILLIS A. CHAMBERLIN, A. M.,
German.

CHARLES E. GOODELL, A. M.,
History.

FRANK CARNEY, A. B.,
Geology and Mineralogy.

BIRNEY E. TRASK, C. E.,
Civil Engineering.

MALCOLM E. STICKNEY, A. M.,
Botany.

BUNYAN SPENCER, A. M.,
Logic.

ANNA BROWN PECKHAM, A. M.,
Latin and Geometry.



CORRECTION!!!

The previous document(s) may
have been filmed incorrectly...

Reshoot follows

COMMITTEES.

Executive Committee.

E. W. HUNT,	D. M. STU-PARSONS
HUNTER BOGGS,	J. R. FOWLER
J. M. SWARTZ,	

Committee to Assign Scholarship.

E. W. HUNT	J. R. DAVIS,
R. E. PAPE,	

Advisory Committee.

CLASS I.—Term expires in 1904.

Mrs. J. F. CAMPBELL,	Canton.
Mrs. WILSON CHANDLER,	Cleveland.
Mrs. J. S. CLEVELAND,	Granville.
Mrs. L. T. SCHMIDT,	Cleveland.
Mrs. F. H. SULLIVAN,	Dayton.

CLASS II.—Term expires in 1905.

*Mrs. J. M. ARMS,	Cambridge.
Mrs. F. R. NICHOLS,	Wilmington.
Mrs. R. P. McCABE,	Dayton.
Mrs. J. H. McROBB,	Cincinnati.
Mrs. ————	

CLASS III.—Term expires in 1907.

Mrs. G. M. PETERSON,	Cincinnati.
Mrs. J. A. BAKER,	Dayton.
Mrs. A. T. LEWIS,	Toledo.
Mrs. J. R. DAVIS,	Newark.
Mrs. S. F. VAN VORST,	Newark.

* Deceased.

OFFICERS OF INSTRUCTION AND GOVERNMENT.

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Intellectual and Moral Philosophy.

HARRIET M. BARKER, A. M.,
DEAN.

History of Art.

JOHN L. GILPATRICK, PH. D.,
Mathematics.

RICHARD S. COLWELL, D. D.,
Greek.

GEORGE F. MCKIBBEN, A. M.,
Romance Languages.

CHARLES L. WILLIAMS, A. M.,
Rhetoric and English Literature.

WILLIAM H. JOHNSON, A. M.,
Latin.

C. JUDSON HERRICK, PH. D.,
Zoology.

CLARK W. CHAMBERLAIN, A. B.,
Physics.

WILLIS A. CHAMBERLIN, A. M.,
German.

CHARLES E. GODELL, A. M.,
History.

FRANK CARNEY, A. B.,
Geology and Mineralogy.

BIRNEY E. TRASK, C. E.,
Civil Engineering.

MALCOLM E. STICKNEY, A. M.,
Botany.

BUNYAN SPENCER, A. M.,
Logic.

ANNA BROWN PECKHAM, A. M.,
Latin and Geometry.

CLARA ANNE DAVIES, M. S.,

Science.

NELLIE A. MONTGOMERY, A. B.,

English and History.

ADAH T. ECKERT,

Elocution and Physical Training.

JOSEPH W. INCE, A. M.,

Chemistry.

ALMA BLAISDELL,

Algebra.

HELEN M. HUNT,

Matron.

EDITH N. STANTON,

Treasurer.

ANNA B. PECKHAM,

Secretary to the Faculty.

LORENA WOODROW,

Secretary to the Dean; Chaperon.

MRS. LOUISE B. GRIDLEY,

Matron in King Hall.

LADIES IN CHARGE OF COLLEGE HOUSES.

Burton Hall,	MISS BARKER.
King Hall	MISS PECKHAM.
Shepardson Cottage,	MISS MONTGOMERY.
Case Cottage,	MISS WOODROW.
West Cottage,	MISS PARSONS.
Sedgwick Cottage,	MISS DAVIES.
Club House,	MISS CHAMBERS.

COURSES OF STUDY AND DEGREES.

As previously stated, the courses of study of Denison University, and its degrees, are all open to students of Shepardson College on equal terms with young men, and a detailed statement of studies offered in the various departments of instruction, with conspectus of courses leading to the several degrees, and schedule of recitation hours, will be found on pages 35-65.

In addition to these courses, Shepardson College on its own account offers the title of Associate in Literature for the following course, based upon the same amount of preparatory work as is required for entrance to the Freshman Year in the University courses:

FIRST YEAR.

NAME OF COURSE.	COURSE NUMBER	HOURS PER WEEK.
<i>First Semester —</i>		
French or German.....	F. 1	4
Rhetoric	Ger. 1	4
American Literature.....	E. 1	3
Chemistry	E. 1	1
* Elective	C. 1	4
		3 to 5
<i>Second Semester —</i>		
French or German.....	F. 3	4
Chemistry	Ger. 2	4
Rhetoric	C. 2	4
American Literature.....	E. 2	3
* Elective	E. 2	1
		4 or 5

SECOND YEAR.

<i>First Semester —</i>		
French or German.....	F. 5	4
English Literature.....	Ger. 3	5
History of Art.....	E. 3	1
* Elective	H. A. 1	5
		4
<i>Second Semester —</i>		
French or German.....	F. 7	4
English Literature.....	Ger. 4	5
History of Art.....	E. 4	1
* Elective	H. A. 2 & 3	5
		4

* The elective for which provision is made throughout this course must be history, English, music or art. The music or art must be sufficiently advanced to be regarded as college and not preparatory work, this of course to be determined by the Faculty.

It should be understood that the certificate given at the completion of this course entitles one to full credit for all work done except in music or art, in any one of the University Courses, should the student subsequently compete for a degree.

ROOMS AND BOARD.

Non-resident students are expected to board and room in the College, unless other arrangements have been previously made with the college authorities.

A self-boarding club is maintained upon the college grounds, under the care of the matron and in charge of a resident teacher.

Teachers and students living on the College grounds, excepting those in the Club House, take meals in the Dining Hall, a bright, spacious room fully equipped, and adapted to the needs of such an institution.

Each student must furnish her own napkins and napkin ring, towels, sheets, pillow cases and bedding for either single or double bed, so that two room-mates may together furnish all needful bedding. Size of pillows, 22 x 27 inches. Those who desire may provide window drapery, table spreads, etc. All articles of clothing and bedding must be marked with the owner's name in full. Luggage should be plainly marked, "Shepardson College," to insure prompt delivery.

In order to secure a room in advance, a retaining fee of five dollars must be deposited by each student with the Treasurer of the College. No room is regarded as engaged until this fee is in the Treasurer's hands. This sum will be applied on the bills of the first semester, unless the student fails to take the room, in which case it is forfeited. Those wishing a choice of rooms should apply early.

Rooms engaged at the close of the school year will not be held later than July 1, unless the retaining fee has been paid.

ADMISSION.

Students who have taken any of the regular courses in the Shepardson Preparatory Department are admitted to the Freshman Year of the corresponding course upon their certificates, without further examination. For those who have prepared elsewhere, the conditions of admission are identical with those of Granville College. See page 31.

Only such rules and regulations are imposed as are necessary to maintain health and order. It is the endeavor of the College to foster among its pupils self-knowledge and self-control.

The government is intended to be educational rather than restrictive. With this in view a system of Student Government which has for its province the conduct of young women in the various college houses, has been in operation for the past four years.

The conduct of the young women with reference to all social engagements is under the control of the Faculty.

MORAL AND INTELLECTUAL INFLUENCES.

Without placing any constraint upon the denominational preferences of its pupils, the College aims to surround them with salutary Christian influences. Attendance on the daily Chapel exercises and the usual Sunday service is required, but no restriction is placed upon the pupil's choice of a regular place of worship. A students' prayer-meeting is held every Monday evening. Students and teachers unite in the Young Women's Christian Association, and in classes organized for systematic Bible study.

There are two Literary Societies in the College, the Eutepian and the Philomathean, which have a large membership and do excellent work.

The Marsh Memorial Library in King Hall, established by Dr. and Mrs. Shepardson in memory of their daughter, Mrs. Lide Shepardson-Marsh, contains a valuable collection of books for Bible and missionary study; also dictionaries, encyclopedias, and other helps for general study. This library is constantly being increased by gifts from the family and friends of Mrs. Marsh.

The Reading Rooms in Burton Hall are supplied with current literature, and in addition to the University Library a special Reference Library is maintained on the Shepardson College grounds, for the convenience of its students and teachers.

A Social Culture Club holds regular meetings for the presentation and discussion of various questions pertaining to social etiquette. The social advantages of the school itself are greatly

enhanced by the hearty welcome which the young ladies receive in the homes of the people of Granville.

MUSIC AND ART.

The Conservatory of Music, and the School of Art, furnish ample facilities to students who wish to pursue these branches. The courses offered, with the special charges in these departments, are described elsewhere.

ELOCUTION.

The classes of Miss Eckert, Instructor in Elocution, are open to students of Shepardson College. The charge for this work is extra. For detailed information, consult the general index.

PHYSICAL CULTURE.

This work is carefully planned to meet individual needs ascertained by a physical examination given each student at the beginning of the college year. Special corrective gymnastics are employed to a considerable extent.

The time spent in indoor exercises is divided between class work and individual work on chest weights and other developing appliances.

The students on the grounds are required to take systematic exercise. Those living in the village enjoy the benefits of the gymnasium upon the payment of a dollar a term or two dollars a year. For the sake of uniformity, students are advised to consult the Director before procuring their gymnasium suits.

Daily exercise in the open air is also required, except on the days for gymnasium work.

Upon the completion of the new gymnasium for Shepardson which it is hoped may be ready for occupancy by September 1905, the gymnasium fee will be raised and will be levied upon all students enjoying gymnasium privileges.

SCHOLARSHIPS.

A limited number of scholarships are available for the use of students in case of necessity, provided they maintain an honorable standing in their classes and live an exemplary life.

It is understood that pupils holding scholarships, if called upon, will be expected to render slight service to the college. Such service, however, will in no way conflict with the pursuance of regular college studies.

EXPENSES.

No student is enrolled in any department until settlement has been made with the Treasurer and Registrar.

Bills may be paid in accordance with the following schedule:

Bills of \$25 or less, are due at time of registration.

If bills are more than \$25, one-half is due at time of registration, the remainder must be paid by the middle of the semester.

Students preferring bills sent home for payment may make such arrangement with the treasurer, provided settlement is made according to the above schedule within two weeks after bills are sent out.

To enforce this rule a fine of fifty cents, known as a Delinquent's Fee, will be imposed upon students for the first day their bills remain unpaid after the expiration of the two weeks, seventy-five cents for the second day, and an additional seventy-five cents for each succeeding week. Any student who finds it inconvenient or impossible to conform to the above rules may readily secure an extension of time by applying to the Treasurer for it, *provided such application is made before payment is due. Failure to comply with this requirement renders the student liable to the Delinquent's Fee.*

No money will be refunded to a student who leaves before the close of a semester except when one is excused from classes on account of one's own illness, in which case a charge is made for board only for the time the student is resident in the college. No reduction for room rent and tuition is made for less than half a semester, and no charges will be reduced to less than those of a half semester. No rebate in library or sheet music fees can be granted.

Meals sent to rooms will be charged extra.

Any breakage or injury to furniture or room will be charged to the occupants of rooms.

Arrangements for washing can be made on reasonable terms.

No student will be permitted to register for future work until all bills due the College have been paid.

EXPENSES PER SEMESTER.

Board	\$56 00
Cottage-room, with fuel and light.....	\$15 00 to 20 00
Hall-room, with fuel and light.....	20 00 to 32 50
Tuition in the College Courses.....	20 00
Tuition in the Preparatory Courses.....	17 00
Incidental fee.....	2 50
Library fee.....	1 50

EXTRA EXPENSES.

Matriculation fees are as follows: Freshman Class, \$2; Sophomore, \$3; Junior, \$4; Senior, \$5.

Students absenting themselves from the regular examinations are charged a fee of \$2 for each special examination.

Certain laboratory courses in Natural Science have fees attached, to cover cost of materials and breakage. For college classes these fees will be found with statement of the individual courses in the various departments. For preparatory courses in Chemistry and Physics the fee is \$2.00 per semester. Fee for late registrations, fifty cents on second day of the semester, and one dollar after the second day.

Diploma fees are as follows: Collegiate, \$5.00; Preparatory Department, \$2.00; Conservatory of Music, \$2.00; School of Art, \$2.00.



★ THE GYMNASIUM ★ SHEPARDSON COLLEGE ★
RICHARDS MCCARTY & BULFORD ARCHITECTS COLUMBUS O

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• THE GYMNASIUM •

• SHEPARDSON COLLEGE •

RICHARDS WECARTY & BULLARD

ARCHITECTS COLUMBUS O



PREPARATORY DEPARTMENT.

The students of the Preparatory Department of Shepardson College are not separated from those of the College, except in class-room. In the homes they mingle freely, living side by side, enjoying the same friendships, pleasures and privileges. This intimate association is helpful to all, but especially so to those of less experience.

ENTRANCE.

All students entering the Preparatory Department of Shepardson College must furnish satisfactory evidence of having completed the study of the following: Arithmetic, Geography, English Grammar, U. S. History and Elementary Physiology. The evidence must be in the form of a written statement from the principal of the school or instructor under whom the work is taken. A teacher's certificate will be accepted instead of this statement; otherwise the student must be ready for an examination in these branches.

It is important that those entering for the first time should come the day before the opening of the Fall Term, for examination and classification.

Though students may enter at the beginning of either semester, much is to be gained by entering the work at the opening of the year.

Each student in ordinary health is expected to take three regular studies,—or their equivalent in music or art,—and do the usual amount of reading and rhetorical work.

Each instructor keeps a constant record of the work of each pupil, and reports the same to the Registrar at the close of the semester. The standing is indicated as follows: The letter A opposite a student's name indicates that his work for the semester,

including examination, has been *excellent*; B, that it has been *good*; C, *fair*. The letter D indicates that the work has been too poor to receive credit until some *condition*, imposed by the instructor, has been fulfilled; and E indicates a complete *failure*.

EXAMINATIONS.

At the close of each semester written examinations are held; but those who, during the semester, have maintained an A standing may be excused from such tests, with the rank of *honor students*. In order to secure this grade, pupils should have no unexcused absences.

RELIGIOUS EXERCISES.

All students of the College are required to attend morning Sabbath service and Sabbath School.

Classes in Bible study meet regularly, and are open to all members of the College.

COURSES OF STUDY.

The courses required for entrance to the Freshman Class in the University are all provided. For the contents of these courses, consult the general index under the heading *Doane Academy*. The Greek of the Classical Course, and the Chemistry of the Scientific and Philosophical, are taught by the Instructors in Greek and Chemistry in Doane Academy.

Requirements in English for entrance to the Freshman class, as adopted by preparatory schools generally, are as follows:

Books prescribed for reading and practice:

1905. Shakespeare's Merchant of Venice and Julius Cæsar; the Sir Roger de Coverley Papers in The Spectator; Goldsmith's Vicar of Wakefield; Coleridge's The Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's The Princess; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

1906. Shakespeare's Macbeth; Scott's Lady of the Lake; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's The Vicar of Wakefield; Coleridge's The Ancient Mariner;

Scott's *Ivanhoe*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, *Passing of Arthur*; Lowell's *The Vision of Sir Launfal*; George Eliot's *Silas Marner*.

Books prescribed for careful study and practice :

1905. Burke's *Speech on Conciliation with America*; Macaulay's *Essays on Milton and Addison*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*; Shakespeare's *Macbeth*.

1906. Substitute Macaulay's *Essay on Johnson* for that on Addison, and Shakespeare's *Julius Cæsar* for *Macbeth*.

The exercises in writing aim to teach clear and accurate expression, special emphasis being laid upon spelling, grammar, punctuation, diction, sentence structure and paragraphing. As regards the reading the pupil is required to give evidence of general knowledge of the subject matter; to know something of the historical background of each book read, and to be familiar with the life of the author.

HOURS OF RECITATION.

FIRST SEMESTER

Class		7:40	8:40	10:00	11:00	1:30	2:30
Junior		Algebra 5	History 5		Latin 5	Englsh M. Th.	
Middle	Cl.		Greek 5	Physics 5			
	Se.	Chem. T. Th.	Chem. T. Th.	Physiol. T. Th. Chem. W. F.	Physiol. 5	Latin 5	Rhetoric T.
Senior	Cl.	Latin 5				Greek 5 (French)	
	Se.	(Latin 5)	Geometry 5	Physics 5	English W.	(German)	

SECOND SEMESTER

Junior		Algebra 5	History 5		Latin 5	English Th.	
Middle	Cl.				Greek 5		
	Se.	Botany 5	Botany 3			Latin 5	English 5
Senior	Cl.	Latin 5				Greek 5 (German)	
	Se.	(Latin 5)	Geometry 3 Algebra 2	Physics 5	English W.	(French)	

III. DOANE ACADEMY.

FACULTY.

EMORY W. HUNT, D. D., LL. D.,
PRESIDENT OF DENISON UNIVERSITY.

H. RHODES HUNDLEY, Sc., D.,
PRINCIPAL,
English and History.

CHARLES B. WHITE, A. M.,
Latin.

BUNYAN SPENCER, A. M.,
Greek.

MALCOLM E. STICKNEY, A. M.,
Botany and Physiology.

JOSEPH W. INCE, A. M.,
Chemistry.

KARL O. BURRER, M. S.,
Mathematics and Physics.

FRANK W. STANTON, A. B.,
English.

CHARLES B. WHITE, Registrar.
MALCOLM E. STICKNEY, Secretary.

HISTORY OF DOANE ACADEMY.

This school was organized in 1831, as a preparatory department of the Granville Literary and Theological Institution. As the latter school developed, becoming first Granville College and finally Denison University, the preparatory department remained a fundamental part of this educational plant.

In 1887, for the purpose of adding to the attractiveness of the department and of increasing its efficiency, it was made a separate school and named Granville Academy.

In 1894, the school received from Dr. William Howard Doane, of Cincinnati, the gift of a beautiful and commodious building, costing \$30,000. As an expression of gratitude for this generous gift, at their annual meeting in 1895, the board of trustees changed the name of this school to "Doane Academy."

AIMS.

It is the special aim of the Academy to bestow the best quality of instruction preparatory to College. In addition to the preparatory work, however, the curriculum has been so enlarged as to furnish to those not intending to pursue a course in College a first class Academic education.

ADVANTAGES OF LOCATION.

The school is located at Granville, Licking County, Ohio, a village noted for the beauty of the surrounding scenery and the healthfulness of its climate, and for the intelligence and high moral character of its citizens. The quiet of the place is highly conducive to earnest study. The absence of saloons and all places of gambling and vice makes Granville an ideal place for young people. The social atmosphere is pure and elevating and offers to young men an opportunity for the cultivation of those graces which will enable them to appear well in good society.

ROOMS FOR STUDENTS.

A portion of one of the dormitory buildings of Denison University has been set apart to the purposes of the Academy. It

contains rooms for students, all of which are under the supervision of the Dean of the Academy, and subject at all times to his inspection.

The rooms are arranged in suites, each suite consisting of a study 12 by 15 feet, a bed room 8 by 11 feet, and two small closets. Each suite is designed for two students.

The rooms have been recently refitted and provided with all necessary furniture. They are lighted with electric light and heated with hot water radiators, connected with the central heating and lighting plant. There are lavatories with hot and cold water, shower baths, etc., on every floor.

If any student prefers to room elsewhere, or if at any time he finds all the rooms in the dormitories assigned to others, he can always obtain in the village at moderate cost pleasant rooms, either furnished or unfurnished.

COURSES OF STUDY.

REGULAR COURSES.

There are three regular courses of study — the Classical, the Philosophical, and the Scientific — leading to corresponding courses in the College. Each of these courses extends through three years. The holder of a diploma of Doane Academy is admitted without matriculation fee or examination to the Freshman Class in Denison University. Although these courses have been arranged with special reference to the curricula of the University, they will be found in the main sufficient to prepare for entrance into any American College.

PREPARATORY YEAR.

It frequently happens that young men whose preparation is defective apply for admission to the Academy. To meet the demands of such cases, a year of instruction in elementary branches is prescribed.

SPECIAL STUDIES.

When the demand is sufficient to justify the formation of classes in Book-keeping and Penmanship, these subjects are taught by competent instructors.

Special English and Normal courses of study will be provided for teachers, and for those who desire to fit themselves to teach, in the common schools.

ELECTIVE STUDIES.

When the reason seems to be sufficient, students are allowed to make a judicious choice of elective studies, but this choice is never permitted to interfere with the work of the regular classes in which such studies may be elected.

ADMISSION OF STUDENTS.

Although students are admitted at any time, they enter to the best advantage at the beginning of the school year. Those who desire to enter after the school year has begun should, by correspondence with the Dean, ascertain before-hand, as nearly as possible, the progress that has been made by the class which they propose to enter.

CONDITIONS OF ADMISSION.

The requirements for admission to the Junior Class are the studies of the Preparatory year; and to advanced standing, the studies previously pursued by the class which the applicant desires to enter.

No student will be admitted who is not fitted to do well the work of the Preparatory year.

An applicant not personally known to some member of the Faculty must furnish testimonials of good character, and, if from another institution, he must present a certificate of honorable dismissal.

COURSES OF INSTRUCTION.

JUNIOR YEAR.

FIRST SEMESTER.

- Latin.* — First Latin Book, Collar & Daniell.
Algebra. — New School Algebra, Wentworth.
History. — Ancient, Myers, 1904 Edition.
English. — Two hours, Elements of English Composition, Gardiner, Kittredge & Arnold.

SECOND SEMESTER.

- Latin.* — First Latin Book, Collar & Daniell, Second Year Latin Book, Greenough, D'Ooge & Daniell.
Algebra. — Wentworth's New School.
History. — Mediaeval and Modern, Myers.
English. — Two hours, Elements of English Composition continued.

MIDDLE YEAR.

FIRST SEMESTER.

Classical.

- Latin.* — Second Year Latin Book, Greenough, D'Ooge & Daniell.
English. — Elements of English Composition, one hour.

- Greek.* — A Greek Primer, Gleason.
Physics. — Four hours, Elementary Physics, Hall & Bergen.

Scientific and Philosophical.

- Latin.* — Second Year Latin Book, Greenough, D'Ooge & Daniell.
English. — Elements of English Composition, one hour.
Chemistry. — Williams' Elements; 3 hrs. recitation, 2 hrs. laboratory, or
Physical Geography.
Physiology. — Huxley & Lee's Elements, 3 hrs. recitation, 2 hrs. laboratory.

SECOND SEMESTER.

Classical.

- Latin.* — Second Year Latin completed, Cicero's Orations vs. Catiline, D'Ooge.
English. — Composition and Rhetoric, Williams.
Greek. — Gleason's Primer completed, 1 book, Anabasis, Harper & Wallace, or Goodwin.
Scientific and Philosophical.
Latin. — Second year Latin completed, Cicero's Orations vs. Catiline, D'Ooge.
English. — Composition and Rhetoric, Williams.
Botany. — Stevens' Introductory.

SENIOR YEAR.

FIRST SEMESTER.

Classical.

Latin.—Virgil, Greenough & Kuttridge.
Geometry.—Wentworth.
English.—(1 hr.) Study of English Classics.
Greek.—Anabasis continued, Grammar, Goodwin.

Scientific.

Latin.—Virgil, Greenough & Kuttridge, or
French or German.
Geometry.—Wentworth.
English.—(1 hr.) Study of English Classics.
Physics.—(4 hrs.) Hall & Bergen.

Philosophical.

Latin.—Virgil, Greenough & Kuttridge.
Geometry.—Wentworth.
English.—(1 hr.) Study of English Classics.
Physics.—(4 hrs.) Hall & Bergen.

SECOND SEMESTER.

Classical.

Latin.—Virgil, 6 books completed; Cicero, Marcellus, Manilian Law, Archias.
Algebra.—(2) Exercises, McCurdy.
Geometry.—(3) Solid, Wentworth.
Greek.—Anabasis and Grammar.
English.—(1) Study of Classics, Orations.

Scientific.

Latin.—Virgil, 6 books completed; Cicero, Marcellus, Manilian Law, Archias, or
French or German.
Algebra.—(2) Exercises, McCurdy.
Geometry.—(3) Solid, Wentworth.
Physics.—Hall & Bergen.
English.—(1), Study of Classics, Orations.

Philosophical.

Latin.—Virgil, 6 books completed; Cicero, Marcellus, Manilian Law, Archias.
Algebra.—(2) Exercises, McCurdy.
Geometry.—(3) Solid, Wentworth.
Physics.—Hall & Bergen.
English.—(1) Study of Classics, Orations.

Latin Prose Composition throughout the Middle and Senior years, original exercises.

CLASS WORK.

REGULARITY AND PUNCTUALITY.

Every student, unless excused for special reasons, is expected to attend at least three recitations each school day. His attendance on these, and on the special or public exercises of the class or of the Academy must be punctual.

Parents are especially urged to encourage students to be present at the opening of the session, and to remain at their work till its close. Absence from the duties of the school, whether occasioned by absence from town or by the entertainment of friends, is subversive of the highest good of the student. His pleasure, or that of his friends, should never be permitted to interfere with his daily duties.

EXAMINATIONS.

Examinations are held at the close of each semester, and at intervals during the semester, at the discretion of the instructor. If a student's grade for a given semester in a given class falls below six-tenths of the maximum, he forfeits his right to continue as a member of the class. In determining his grade, his examination mark has half the power of the average of his term marks. Regularity in work, good conduct, spelling and diction are considered as elements in making up the student's standing.

RULES FOR EXAMINATIONS.

1. All students, whether candidates for the diploma of the Academy or not, are required to attend all examinations in the studies they pursue, unless excused by merit.
2. No student whose examination in any study is reported as "*Incomplete*," will receive credit for that study until after the examination has been completed. In case, however, the exam-

ination be not completed within one year, the unfinished study will be regarded and treated as "*Not Passed.*"

3. Any student reported as passed "*Conditionally*" in any work, must remove the condition within one year from the date of the examination in which it was incurred, otherwise he shall be regarded and treated as "*Not Passed.*"

4. Any student reported as "*Not Passed*" in any study will receive no credit for that study until he has again pursued it as a regular class exercise, and has passed the regular examination in the same.

5. Giving or receiving aid in any examination is deemed grossly immoral, and will be visited with severe punishment.

6. Any student who is absent from examination, without consent previously obtained, must present to the Faculty a written statement of the cause of his absence; and the reason must be accepted as sufficient before he can enter his class.

7. A student who, having been absent from a regular examination in any class, applies for a special examination, or any student who takes an examination for the removal of a condition, must present to the instructor the Treasurer's receipt for the examination fee before receiving credit for such special examination.

RULES GOVERNING ABSENCES FROM CLASS EXERCISES.

I. If a student shall be absent no more than five times from any class exercise during one semester, these absences shall be treated as excused.

II. The absences in excess of five shall be treated as *excused* or *unexcused*, at the discretion of the instructor.

III. When a student has been absent more than five times from any class, if these absences have been consecutive, he shall be required to pass an examination upon the part of the work covered by the period of absences; if the absences have occurred at different periods during the semester, the examination shall be upon such part of the work of the semester as the instructor shall determine. The student's standing for the period of absences shall be determined by his examination.



IRVING LITERARY SOCIETY HALL

ination be not completed within one year, the unfinished study will be regarded and treated as "*Not Passed*."

3. Any student reported as passed "*Conditionally*" in any work, must remove the condition within one year from the date of the examination in which it was incurred, otherwise he shall be regarded and treated as "*Not Passed*."

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OLD LIBRARY, CORNELL UNIVERSITY



IV. These examinations shall not be considered special examinations.

V. Every student who shall have been present at every recitation of a class during the semester shall have his three lowest marks in that class changed into that mark above 60 of which he has the greatest number.

REPORTS.

At the close of each semester of study the Secretary of the Faculty mails to the parent or guardian of each student in the Academy a report of the standing attained by such student in each study pursued during the semester, together with a record of his absences and deportment.

Reports concerning individual students will also be furnished by the Dean at any time upon the request of the parent or guardian.

PRIZES.

IRVING-CICERO LITERARY PRIZE CONTEST.

For several years a spirited and friendly rivalry has existed between the two literary societies of the Academy. As a result of this the societies held for several years a public contest with no reward in view except that of the honor of being victor.

To stimulate this desire for honor and to encourage faithful work in the societies, the faculty of the University adopted the following resolutions:

1. That the contest be held between the holiday recess and the close of the first semester of each year.
2. That the winners of the contest in Declamation and Essay be granted each a scholarship for the second semester of the current school year.
3. That the winners of the contest in Oration and Debate be granted each a scholarship for the two successive semesters following that in which the contest is held.

SHERWIN SCHOLARSHIP PRIZES.

H. A. Sherwin, Esq., of Cleveland, has established in the Academy a first and second prize of \$50 and \$25, respectively. These prizes are unique in their terms. The conditions of award are changed every year, and are announced only at the close of the year. Excellence in general scholarship with personal merit, excellence in Greek, excellence in Latin, and acquaintance with matters of current interest have been made the basis of award in different years since the prizes were established.

ATHLETIC PRIZES.

A number of prizes are awarded for excellence in certain athletic exercises of the Field Day of Denison University. For all these prizes members of the Academy are permitted to compete, and several of them are each year won by Academy students.

GRADUATION APPOINTMENTS.

THE HONOR MEN.

The member of the graduating class whose average standing during the Middle Year and the first semester of the Senior Year is highest, is the last speaker on the programme of Graduation Day, and is called the Valedictorian. To the member of the class whose rank is next highest, is given the first place on the programme with the title of Salutatorian. No student who has not recited with the classes of the Academy in at least twelve full studies during these three semesters can receive either of these appointments.

OTHER SPEAKERS.

Every student who is eligible to the Diploma of the Academy writes an oration, and, having signed it with a fictitious name, hands it to the Dean of the Academy before April 15. The orations thus prepared are read to a committee whose members

are ignorant of the authorship of the productions, and those four that are considered best are selected as the orations to be presented at the graduating exercises of the Academy.

EXPENSES.

The following is a summary of the principal necessary expenses during the Academic year:

Tuition, \$17 each semester.....	\$34 00
Room rent (includes furnishing, lighting, heating and care), \$17.50 to \$25, according to location.....	\$35 00 to 50 00
Gymnasium fee, \$5.00 per semester.....	10 00
Incidentals, \$2.50 per semester.....	5 00
Library fee, \$1.50 per semester.....	3 00
Books.....	12 00
Board, 39 weeks at \$2.00 per week.....	78 00
Washing.....	12 00
Incidentals.....	10 00
Total.....	\$199 00 to \$214 00

The Laboratory fee for students in *Chemistry* is \$2.00 per semester; in *Physics*, \$2.00 per semester.

The fee for Diploma at Graduation is two dollars.

Fee for late registration, 50c on second day of the term and \$1.00 after second day.

A fee of \$2 is charged for each special examination.

Board in clubs costs from \$2.00 to \$2.50 per week; in families, \$3.00 to \$3.50. When board costs over \$2 per week, the excess must be added to the estimate given above. Many students reduce their expenses below that sum. Rooms in the village are always to be had at prices ranging from 50 cents per week up. In the estimate above, reference is made to rooms in the dormitories, and includes heat, light, furniture and baths.

All bills are to be paid, or satisfactory security for their payment lodged with the Treasurer, at the beginning of each semester, before students take their places in their classes. No charge for tuition, room rent, or incidentals will be for less than half a semester.

Text-books and stationery can be obtained at the Denison Book Exchange or in the village.

The really necessary expenses of a student for a year, exclusive of clothing and traveling, range from \$175 to \$250.

MISCELLANEOUS.

Government.

It is the desire to establish and maintain a relation of confidence between teacher and pupil, and to stimulate those sentiments which mature into Christian manhood. Students are encouraged in self-government, and to this end the greatest possible freedom is accorded them; but they are continually taught the difference between liberty and license, and the duty of practicing that self-denial which is necessary to the highest good both of themselves and of their fellows. While it is the aim of this school to do all the good possible to every student, it is in no sense a reform school, and no student whose influence is found to be injurious will be suffered to remain.

No student of the Academy is allowed to be absent from town, except upon permission previously obtained from the Dean.

Indulgence in profanity, card playing, the use of intoxicating liquors or tobacco, or visiting any place of questionable character, renders the student liable to suspension.

Moral and Religious Influences.

The whole life and administration of the school, without being sectarian, are pronounced and positive in favor of the Christian religion. The exercises of each day include Scripture reading and prayer in the Chapel. This service the students are required to attend. They are also required to attend Church twice each Sunday. Two regular weekly prayer meetings are sustained by the students. Members of the Academy are made welcome in the various Sunday Schools of the village. In the Baptist Sunday School, several classes, taught by College and Academy Instructors, are intended expressly for students.

Scholarships.

By a vote of the Board of Trustees, the President of Denison University may remit the tuition of a limited number of students

in cases of necessity. A few scholarships, surrendered by the original purchasers, are under the control of the Faculty, and are assigned by them at the beginning of each year.

Voluntary Societies.

There are connected with the Academy and conducted by the Students, two literary societies—the Ciceronian and the Irving. Each society has its own hall, which is neatly and tastefully furnished, and in which it holds weekly meetings.

The students of the Academy are also admitted to membership in the Denison University branch of the College Y. M. C. A., in the Scientific Association and in the Athletic Association of Denison University.

Public Exercises.

During the year the Literary Societies each hold three special public meetings—an “extra” at about the time of the Thanksgiving recess, an “Annual” during the Winter, and a “Commencement” toward the close of the year. The graduating exercises of the Academy are held during the Commencement week of Denison University. Members of the class completing the work of the Academy participate in the programme. The diploma of the Academy is given to each student who completes in a satisfactory manner any of the regular courses of study.

Dismissal.

No student who leaves the school before the close of a semester will be considered as having honorably severed his connection with the Academy unless he has been duly dismissed by the Dean.

Any further information may be obtained by communicating with the Dean of the Academy.

AWARDS IN 1904.

COMMENCEMENT SPEAKERS.

Scholarship.

First Honor, Valedictorian . . . Cambridge Graham Beckel.
Second Honor, Valedictorian . . . Charles Hedges Starrett.

Competitive Orations.

Justin Warren McKibben. Joseph Howell Lloyd.
Daniel Sheets Dye.

Irving-Cicero Contest.

Declamation, Thomas D. Rees.
Essay, Geo. W. Phillips.
Oration, Joseph H. Lloyd.
Debate, Elsor Heater.

Sherwin Prizes.

First Prize, Fifty Dollars, Carl V. Miller.
Second Prize, Twenty-five Dollars, Jesse J Runyan.

Schedule of Recitations.

FIRST SEMESTER

Class	7:40	8:40	10:00	11:00	1:30	2:30
Preparatory	Arithmetic 5		Grammar 5			History 5
Junior	Latin I 5	Algebra 5		Hist. Anc. 5	Latin II 5	Eng. T. Th.
		Greek 5	Rhet. M.		Phys. M, T, W, Th	Latin 5
Middle Cl. } Ph. } Sc. }	Chem. T. Th.	Chem. T. Th. (Phys. Geo. 4)	Rhet. M. Physiol. T. Th. Chem. W. F.	Physiol.		Latin 5 (Phys. Geo. 1)
	Geom. 5	Latin 5	(Greek 5)		Greek 5	English F.
Senior Ph.	Geom. 5	Latin 5			Phys. M, T, W, Th.	English F.
					Phys. M, T, W, Th. (Fr. M, T, Th, F.) (Ger. M, T, Th, F.)	English F.
Sc.	Geom. 5	(Latin 5)	(Ger. M, T, Th, F.)			

SECOND SEMESTER

Preparatory	Arithmetic 5		Grammar 5			Civ. Govt. 5
Junior	Latin I 5	Algebra 5		History	Latin II 5	English, T. Th.
		Rhet. 5		Greek 5		Latin 5
Middle Cl. } Ph. } Sc. }		Rhet. 5	Botany, M, W, F	Botany 5		Latin 5
	Geom. M, T, W, and Alg. Th. F.	Latin 5	(Greek 5)		Greek 5	English F.
Senior Ph.	Geom. M, T, W, and Alg. Th. F.	Latin 5			Phys. M, T, W, Th.	English F.
	Geom. M, T, W, and Alg. Th. F.	(Latin 5)	(Ger. M, T, Th, F.)		Phys. M, T, W, Th. (Fr. M, T, Th, F.) (Ger. M, T, Th, F.)	English F.

IV. CONSERVATORY OF MUSIC.

Foreword.

Music in some form has always been taught in the educational institutions at Granville. At first and for many years the work was semi-private in character, but growing constantly larger and more important, was taken under the management of Shepardson College for women. The rapid growth of the last ten years led to the acquisition of a suitable building for teaching and practicing, and the building of a Recital Hall, one of the most perfect halls, acoustically, in the state. In 1900-01 the College and University were united, making it a co-educational institution, and the Conservatory of Music a part of the University proper. The further recognition of the value of its work by the University, by allowing credits in the college for certain work done in the Conservatory, has increased the work among college students and those who do not wish to become professional musicians but desire a knowledge of music in all its phases.

In the Denison University Conservatory of Music the endeavor has always been to require of students, especially candidates for graduation, the broadest possible education, not only in music, but in other branches as well. It is understood that no student can do thorough musical work without at least the foundations of a liberal education. For this reason especial attention is called to the academic studies required for graduation; attention is also called to the fact that in courses permitting electives the University will give credit for certain theoretical studies.

During the last few years the Conservatory Course has been greatly strengthened by the lengthening of the Theoretical Course. The school now offers two semesters of Theory and Elementary Harmony, two of Advanced Harmony, two of Counterpoint, two of History of Music, and two of Analysis of Form.

In the purely theoretical studies premium is placed upon original work, and the student is taught to apply his knowledge

so that it may be at his command after he has left the class. Attention is called to the announcements of the various theoretical classes, where the courses offered are explained more fully.

The Concert Course offered by outside artists, the Faculty and the Symphony Orchestra afford, it is believed, greater opportunities to hear good music than are enjoyed by many larger schools. The standard of efficiency of graduates in Voice, Violin, Piano, Organ and the Theoretical work is constantly growing higher, due no doubt to the constant strengthening of the course of study and the broader requirements for graduation. With the addition of the new Theoretical work, which has been planned, the Conservatory will be able to offer, in many directions, as thorough a course as any school in Ohio, and as such should receive a liberal patronage.

ORGANIZATION.

BOARD OF CONTROL.

EMORY W. HUNT,

HARRIET M. BARKER.

FACULTY.

ARTHUR L. JUDSON, CHAIRMAN.

Professor of Violin and History of Music.

Director of Orchestra, Glee and Mandolin Clubs and Chorus. Private pupil in Violin of Le Roy McMakin, Cincinnati Conservatory, and Max Bendix, New York. Pupil in Theory of Dr. Henry G. Hanchett, New York.

JENNIE ELIZABETH BLINN,

Head of Voice Department.

Student in Oberlin Conservatory 1891-2. Pupil of Otto Engwerson, Columbus, Ohio, 1893-6, Alberto Randegger and Guild Hall School, London, Eng., 1899.

ELIZABETH M. BENEDICT,

Organ and Piano.

Pupil of Harrison Wild, Chicago, Ill., in piano and organ.

FANNIE JUDSON FARRAR,

Head of Piano Department.

Pupil of Constantin Sternberg, Philadelphia; Bertrand Roth, Dresden; J Emil Ecker, Toledo; Mrs. Mary Gregory Murray, Philadelphia; Mrs. Fannie Church Parsons, Chicago. Student in Vienna in 1894.

LOUISE T. CHURCHILL,

Piano, Advanced Harmony, Counterpoint.

Graduate of Halifax Conservatory. Pupil of Carl Beving, Leipzig Conservatorium, in Piano, and of Gustave Schreck, Leipzig Conservatorium, in Harmony and Counterpoint.

MABEL PHILLIPS,

Assistant in Voice.

Pupil of Otto Engwerson and Denison Conservatory and W. S. Sterling and Mme. Tecla-Vigna, of the Cincinnati College of Music.

WILLIAM A. BERGER,

Registrar, Theory, Elementary Harmony, Violincello, Cornet.

Student at High School for Music, Vienna, Austria.

DEPARTMENTS OF INSTRUCTION.

I. Course in Piano.

II. Course in Voice.

III. Course in Violin.

IV. Course in Organ.

V. Course in Theory: (a) Theory and Elementary Harmony, (b) Advanced Harmony, (c) Counterpoint, (d) History of Music, (e) Analysis of Form, (f) Canon and Fugue, (g) Composition.

VI. Ensemble Classes: (a) Chorus, (b) Orchestra, (c) Piano, (d) Hymnology, (e) Musical Kindergarten, (f) String Quartette, (g) Glee Club, (h) Sight-reading Class, (i) Mandolin Club, (j) Eurydice Club.

I. Course in Piano.

This course embraces five grades, extending from a well organized juvenile department (the teachers of which have made special preparation for this branch of work), to pupils capable of pursuing advanced work.

It is a difficult matter to specify a set course adapted to the needs of all pupils, so it has seemed best to suit the work to the individual requirements. Great care is taken that the foundation work is most thorough. Theoretical work is demanded from the pupil before beginning the piano study proper. A thorough knowledge of intervals and scales and chord construction is necessary.

Though not confining the study exclusively to one technical method, a modern interpretation of the William Mason system of technique, that he has sanctioned, is given the most attention. The object of the technical study is first good tone production, then facility and velocity.

Pupils desiring to enter the Senior Class in Piano will be expected to have satisfactorily completed the work preparatory to the Fifth Grade. If the preliminary work in any special department and the required theoretical work shall have been done elsewhere than in the Conservatory, an examination on such work will be given at the beginning of the Senior year, in addition to the final programme of the Commencement.

II. Voice.

True cultivation of the voice involves the study of the control of the entire human body. Wrong voice production is the result of wrong mental and muscular action.

Special attention is therefore given to correct standing position, perfect control of breath, freedom of throat, agreeable facial expression and distinct enunciation. It is intended to follow closely the ways of the great English masters, who combine the best elements of the old Italian school (represented by Lamperti) with certain ideas belonging to the German school.

Beside teaching the right use of the voice, so that the tone shall grow in strength and beauty, it is the aim to train the pupils

so that they shall read music quickly and accurately, and to give them also true ideas of interpretation.

The studies and songs used are varied according to the needs of the pupil. The work of Abt, Concone, Seiber, Panofka, Nava and Bordogni are studied. All grades of songs are used from the simple English songs to the opera and oratorio arias.

Candidates for graduation in this department are required to take all the theoretical work offered in the Conservatory. A class in sight-reading and ear-training is open to all voice pupils. The time required to complete the course will depend upon the ability and diligence of the pupil.

III. Violin.

Realizing the comparative inefficiency of a prescribed course of study in the Violin Department for pupils whose ability and temperament must differ widely, the last three grades of the course have been omitted, the work done being left to the discretion of the teacher. The course will consist of five grades, requiring at least four years to complete. The needs of all beginners being similar, the first three grades are studied as follows:

First Grade.

Mazas, Violin School.
Wohlphart, Op. 45, Bk. I.
Kayser, Op. 20, Bk. I.
Meerts, 12 Elementary Studies.

Second Grade.

Wohlphart, Op. 45, Bk. II.
Dont, Op. 38.
Dancla, Op. 68.

Third Grade.

Mazas, Op. 36, Suite I.
Kayser, Op. 20, Bk. III.
Kreutzer Etudes (first half).

The studies for the next two grades will be selected according to the needs of the pupils, from the following works:

- Kreutzer Etudes (last half).
- Mazas, Op. 36, Bk. II.
- Alard, Op. 41, Suites I and II.
- Rode, 24 Caprices.
- Schradieck, Technical Studies.
- Bendix, Scale Studies.
- Florillo, 36 Caprices.
- Campagnoli, Seven Positions.
- Dancla, Op. 73.
- Leonard, "La Gymnastique du Violiniste."
- Rovelli, Etudes.
- Concertos, De Beriot, 1, 7, 8, 9, Ballet Fantasia.
- Viotti, 22, 23.
- Bazzini, Militaire; Vieuxtemps, Ballade and Polonaise, Fantasia Appassionata.
- Sonatas, Corelli, Handel, Nardini, Mozart, Grieg, Op. 8, 45.
- Tartini, Vitali.

IV. Course in Organ.

A certain facility at the piano and in sight-reading is necessary before the course can be entered. A good organ touch, comprising legato and staccato playing, steadiness and smoothness of style, are the objective aims.

Rink's Organ School, Buck's Studies in Phrasing and Bach's Little Preludes and Fugues compose the ground work of study. This is followed by sonatas by Mendelssohn, Merkel, Guilmant, selections by Widor, Dubois, Boellmann, Lemar, Best, Hollins, Buck and Parker.

Special attention will be given to hymn playing, accompanying and registration to meet the practical needs of church work.

V. Course in Theory.

(a) ACOUSTICS, THEORY AND ELEMENTARY HARMONY

Two Hours per Week, Two Semesters.

MR. W. A. BERGER.

First Semester.

Acoustics, Theory.

Second Semester.

Elementary Harmony.

(b) ADVANCED HARMONY

MISS CHURCHILL.

Text-book — Chadwick's Harmony.

Four hours per week, two semesters.

Acoustics, Theory and Elementary Harmony Required.

First Semester.

Triads, Seventh Chords. Inversion of both and their connection. Dispersed harmony, chords of the ninth. Partwriting to Basses, Sopranos, etc. Modulations.

Second Semester.

Altered Chords, Enharmonic Changes, Modulations, Suspensions, Passing Tones, Chants, Chorals and Free Writing.

(c) COUNTERPOINT

MISS CHURCHILL.

Text-book, Jadassohn.

Two hours per week, two semesters.

First Semester.

Equal and unequal counterpoint in four parts. Equal and unequal counterpoint in two and three parts.

Second Semester.

Double and triple counterpoint.

(d) HISTORY OF MUSIC

MR. JUDSON.

Four hours per week, two semesters.

Text-book — History of Music; Judson.

This course is based upon an original method by Mr. Judson. The study is purely academic in nature, and does not in-

clude the study of form nor the performing of compositions in class. The student is required to pursue, under the direction of the instructor, a course of original investigation into the causes of development of music and the relations between the Arts, Religion, Civilization and music. Very little time is spent in Biographical study, only enough to familiarize the student with the most famous composers. The work for each term may be classified as follows:

First Semester.

Study of Origins. Ancient and Medieval Music. The Relations of great Art, Political and Religious movements to musical evolution. Biographical studies. Medieval music. Polyphonic Schools.

Second Semester.

Evolution of Instruments. Growth of different Forms. Relation to Civilization. Biographical studies. Classic and modern Music. Relation to Civilization. Reasons for development. Tendencies. Biographical studies.

(e) ANALYSIS OF FORM

MR. JUDSON.

Two hours per week, two semesters.

Text-book — Complete Analysis, Goodrich.

Two semesters of Advanced Harmony required.

VI. Ensemble Classes.

(a) CHORUS

MR. JUDSON.

A chorus of seventy voices is maintained for the practice and performance of Cantatas, Choruses and Oratorios. Admission is by examination only; dues, \$1.

(b) CONSERVATORY SYMPHONY ORCHESTRA

MR. JUDSON, *Director.*

An organization of thirty-one Conservatory students and

professional musicians, giving a regular Symphony Course each year. The programs include symphonies by Haydn, Mozart and C. Ph. Bach, besides numerous smaller pieces. Opportunity is given students in the Conservatory, who are sufficiently advanced, to play classical and modern compositions under efficient direction. The orchestra is one of the most positive musical influences in the school, and has been placed upon a permanent basis.

(c) PIANO CLASSES

Ensemble classes are maintained in Piano, both Duet and Quartette work being done. The classes are free, and this work is required of all pupils sufficiently advanced.

(d) HYMNOLOGY

MISS FARRAR.

A course in Hymnology will be given, which will be of especial advantage to Piano and Organ students. The tuition is free.

(e) MUSICAL KINDERGARTEN

MISS FARRAR.

Children from five to ten years of age are prepared in the elementary part of music, which every one should know before beginning the study of voice or any instrument.

In this class the foundation of music is taught in such a manner that it interests as well as instructs the children.

(f) UNIVERSITY STRING QUARTETTES

MR. JUDSON.

There are two String Quartettes organized by the Conservatory, as well as a Trio (Piano, Violin and Cello). The student trio and quartette appear frequently in recitals, and afford opportunity for ensemble practice to pupils. The professional quartette is heard at concerts and Faculty recitals, and performs many of the best quartettes and quintettes, assisted by one of the Conservatory Pianists. This affords abundant opportunity for students to become conversant with the great writings of the old masters.

(g) UNIVERSITY GLEE CLUB

MR. JUDSON.

This organization is composed of college students only, and choice is made by examination of voice and ability. The membership is limited to twenty. This club is designed to reach and influence young men of the school, and has been exceedingly successful in that direction. Good music is studied as well as college songs. In its semi-annual tour the club has in the last few years given concerts as follows: Dayton, Granville, Newark, Martinsburg, Middletown, Franklin, Norwalk, Mt. Vernon, Mansfield, Milan, Sandusky, Shelby, Fredericktown, Alexandria and Zanesville.

(h) SIGHT-READING

MISS BLINN.

Sight-Reading and Ear-Training.—This class is open to all students, though specially designed for vocal students. It aids in developing sight-reading and trains the ear to recognize intervals more clearly.

(i) UNIVERSITY MANDOLIN AND GUITAR CLUB

This has twenty members, and is an organization of young men. It accompanies the Glee Club on all tours. Popular and semi-classical compositions are studied during the year. Besides the usual mandolins and guitars the club uses violins, Viola, 'Cello, Flute, Mandolin and Harp. Membership is limited by examination.

(j) EURYDICE CLUB

MISS BLINN.

The Eurydice Club, consisting of about twenty young women, practices music of a high order, and has given in concert several of the works of Stainer and Cowen.

Expenses by Semester.

Piano, voice, violin, organ; private half-hour lessons twice a week,	\$27 00
Piano, voice, violin, organ; private half-hour lessons once a week,	15 00
Harmony, class lesson, 4 hours per week,	7 50
History of Music; 4 hours per week,	7 50
Analysis of Form; 2 hours per week	7 50
Rent of piano per hour,	05
Rent of music per semester,	75
Fee for use of Library,	1 50
Children's lessons; 2 hours per week, in classes,	7 50
Choral Society initiation fee — not required from voice students, .	1 50
Chorus term dues,	50
Theory; 2 hours per week,	3 00
Concert fee,	75

REQUIREMENTS FOR GRADUATION.

Diplomas will be granted to students who have pursued the course of study prescribed for their special department and have given evidence of requisite musical ability. This diploma will be granted only to those who display artistic ability in public performance. To students completing prescribed work, but not desiring to make a specialty of public performance, a certificate indicating the amount and character of the work done will be given.

Theoretical work required in all departments is two semesters each of Theory and Elementary Harmony, Advanced Harmony, Counterpoint, History of Music and Analysis of Form. In voice and violin department pupils will be required to pursue the study of piano sufficiently (two semesters as a minimum), to enable them to read easy accompaniments at sight.

In addition to the work required in the Conservatory, candidates for graduation will be required to complete the following Academic studies: One year of modern Language, English and Mathematics corresponding to entrance requirements for Denison University. The presentation of satisfactory evidence that this work has been completed elsewhere will be accepted upon the same terms as in Denison University.

GENERAL INFORMATION.

Students may enter at any time, but cannot register for less than a half semester. All students are under obligations to perform at the regular examinations and recitals, according to the direction of the teacher, and are not allowed to perform in public without the consent of the instructor.

The Circulating Library furnishes all necessary music for students, excepting in the violin and voice classes.

The length of the course depends upon the native talent and the perseverance of the student.

Artists' recitals take place during the school year, which pupils are enabled to attend by payment of a small fee.

Pupils' recitals occur semi-monthly. All music students are expected to be present.

During the last two years the following artists have appeared in Granville: Mme. Lawson, Soprano (2); Cleveland Philharmonic String Quartette (2); Oley Speaks, Basso; Dr. Henry G. Hanchett, Pianist-Lecturer (4); Leroy McMakin, Violinist; William Sherwood, Pianist; Augusta Cottlow, Pianist; Ernest Gamble, Basso; Spiering String Quartette and others.

This affords students opportunity of hearing the best artists for the payment of a small fee.

The Conservatory is now equipped with new practice pianos of the highest grade, thus making more efficient the work of the piano student.

For further information in regard to the Conservatory of Music address Arthur L. Judson, Manager, Granville, Ohio.

V. SCHOOL OF ART.

LAURA B. PARSONS, DIRECTOR.

Drawing, Painting, Wood-carving, Clay Modeling, Pottery.

CARIE MARIE HOWLAND,

China Painting.

HARRIET M. BARKER,

History of Art.

The Art Course is arranged as follows :

I. CHARCOAL DRAWING.

FIRST GRADE.

Geometrical solids in outline — also in light and shade.

Principles of elementary perspective.

Cast drawing from historic ornament; masks; hands and feet; details of human face.

Simple studies from still life.

SECOND GRADE.

Advanced cast drawing from the antique. More elaborate studies from still life. Sketching from life.

THIRD GRADE.

Cast drawing continued from the full length figure.

Drawing from life costumed model.

II. WATER COLORS AND OIL.

In this work thorough study is given to Composition, Color, Textures, Values, Light and Shade.

Besides the work of the regular courses, classes may be formed in China Decoration, Pyrography, Ornamental Wood-Carving, Clay Modeling, etc.

Water color painting is taught according to the French and English method, great attention being given to technique. Out-of-door sketching is taught during the entire course.

Those registered for regular work in the Art studio are admitted, free of charge, to the class in History of Art, which embraces the study of architecture, sculpture, painting and the lives of the great masters. These courses in History of Art must be taken as a condition of graduation. A thesis in art is required from each applicant for graduation.

An Art Reception will be given during Commencement week, at which time the work done in the studio during the year will be on exhibition. For this reason it is important that the work be left in charge of the Director of the Department until the close of the year.

The Art graduates are invited to leave one specimen, each, of their work, as a gift to the College.

Pupils will receive certificates from the Art Department after having completed the required course of three years.

TUITION.

The tuition is the same for each semester, as follows:

Painting, Water Colors,	\$21 00
Oil Colors,	21 00
On China,	21 00
Pastel,	18 00
Black and White,	18 00
Ornamental Wood Carving,	21 00
Pyrography—ten lessons,	5 00

ORATORY AND ELOCUTION.

MISS ECKERT.

The work in this department is along the line of science as well as that of art. Until recently but little attention was paid to the underlying principles of expression. The subject was taught almost entirely as an *imitative* art. Progressive thinkers have now so developed and systematized the constituent elements of voice and action that the study of oratory is taking a place by the side of the sister sciences in the best curricula in our country. In recognition of this fact the University gives credit, as an elective study, to work done in Oratory and Elocution, in proportion to the number of hours taken. The following courses are offered, each occupying one semester.

I. *Principles of Elocution.* A study of vocal organs and muscles; methods of breathing; vocal culture for purity, strength, compass, flexibility and sustaining power. Study and application of vocal elements; form, degree, stress, quality. First principles of action.

II. *Principles of Elocution.* Vocal culture continued. Study and drill in the vocal elements; pitch, degree, change, melody, time, quantity, pause, movement. Completion of principles of action. Analysis, preparation and rendition of selections. Criticism of application of elements.

III. *Literary Analysis and Rendition.*..Development of individuality in voice and action. Lectures on analysis, mind, concentration, imagination, memory, scene building and interpretation. Individual study of selections from every style. Rendition of prescribed selections and criticism by members of class and instructor.

IV. *Argumentation and Debate.* Lectures on ex tempore speaking, principles of debate, preparation of briefs, arrangement of argument, team work and rebuttal. Ex tempore speeches and debates required of every student.

V. *Original Orations*. Lectures on styles of address, kinds of discourse, construction of speeches, ancient, mediæval and modern oratory, and the sources of eloquence. Declamation of selections from great orators. Preparation and delivery of topical speeches and original orations.

VI. *English Classics*. Lectures on Shakespeare, Dickens, Browning and Tennyson. Study, interpretation and memoriter rendition of one of Shakespeare's plays. Interpretative analysis of one other play and of selections from other English masters.

SOCIETY OF THE ALUMNI.

The Society of the Alumni was organized in 1859, with William P. Kerr, class of 1845, as President; Edward M. Downer, class of 1850, Vice President; Francis M. Hall, class of 1856, Secretary, and Henry Fulton, class of 1859, Treasurer. Rev. Samson Talbot, class of 1851, four years later to become President of the University, delivered an address on "The Importance of a Right Moral Development in Education." The Society has at various times exerted itself effectively to supply some pressing need of the University. For the year 1903-1904 its membership fees were devoted to the purchase of historical books for the Library. For 1904-1905 to the purchase of works of art for the adornment of the buildings of the University.

The officers of the Society for the current year are:

President.....	G. M. PETERS, ESQ., '67
Vice President.....	O. C. HOOPER, ESQ., '79
Secretary-Treasurer.....	PROF. W. H. JOHNSON, '85

EXECUTIVE COMMITTEE.

CHAIRMAN, BUNYAN SPENCER, '79.

T. J. SHEPPARD, '70.

E. P. CHILDS, '94.

DEGREES CONFERRED JUNE 1904.

Honorary.

PROFESSOR JOHN W. MONCRIEF, *Doctor of Divinity.*
PROFESSOR WAITMAN BARRE, *Doctor of Literature.*
REV. JAMES C. FERNALD, *Doctor of Humanities.*

Bachelor of Arts.

ROLLA EARL BROWN,	HENRY JOHN SKIPP,
JOHN LEE MADDOX	RAYMOND DUANE SPROUT,
CARL MILLHOUSE REVENAUGH,	JAMES SAMUEL WEST,
	ROBERT MORRIS WYLIE.
GRACE WINIFRED BACKUS	JANE BELL SIMPSON,

Bachelor of Science

GEORGE MAXWELL BARTON,	HERBERT DAY McKIBBEN,
EDWARD BRAINERD LOUGHRIDGE	JOHN LITTLE RANDALL,
ORVILLE COOLEY MONTGOMERY,	WILLIAM ELGIN WICKENDEN,
RACHEL JONES,	RUBY JONES.

Bachelor of Philosophy.

	CHARLES FELIX BURKE.
LILLIAN ALICE SNOW,	MABEL ESTHER WYLIE,

Bachelor of Literature.

FRED SUMNER LARUE,	ELIZABETH FULLERTON,
MARY CLAUDIA JONES,	LILLIAN ALICE WYLY.

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Washington, D. C.
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Granville.

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W. Jefferson.
Granville.
Sunbury.
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Granville.
Omaha, Neb.
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 St. Paris.
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 Hebron.
 Newcastle, Pa.
 Northport, Mich.
 Saegerstown, Pa.
 Marshall, Tex.
 Bladensburg.
 Upland, Pa.
 Tippecanoe.
 Bellefontaine.
 Avondale.
 Frazesburg.

NORMAN BROWN GRIDLEY,
 HARRY HARRISON JENNINGS,
 HAROLD EDGAR LAMSON,
 ELWIN LITTLE,
 DAVID HILL MASSIE,
 THOMAS HOPKINS MORRIS,
 HARMON ASHBURN NIXON,
 KARL EMERSON NOTTINGHAM,
 PERCY OLIVER ORTT,
 DARWIN L. PALMER,
 WALTER MOUBILA PENN,
 HOMER PORTER,
 HIRAM EDGAR SHADE,
 WILLIAM AARON SHIPP,
 FRED LE ROY SHOOP,
 KARL SHULTZ,
 EDWARD WALKER SLADE,
 JAMES ROBINSON STEWART,
 ALVIN ZENAS STONER,
 J. DONALD STRAWN,
 CARL SWISHER,

Granville.
 Byhalia.
 Toledo.
 Granville.
 Rosedale, Va.
 Venetia.
 Granville.
 Conneaut.
 Newcomerstown.
 Newark.
 Rendville.
 Berlin, Md.
 Verona, Pa.
 Shamokin, Pa.
 Shamokin, Pa.
 Newark.
 Cleveland.
 Newark.
 White Ash, Pa.
 Salem.
 Newark.

Electives.

ELY EBENEZER ALGEO,
 HERBERT SPENCER ALLEN,
 KENNETH BLISS ALLEN,
 CARLETON WILLIAM ATWATER,
 SIMON BAILEY,
 WILLIAM EARL BAKER,
 ORVILLE FOWLER BARCUS,
 JOSEPH DENNISTON BOYCE,
 RAY ELLSWORTH CARMAN,
 HARLEY LEROY CHAPIN,
 WALTER FRANK COLEMAN,
 ERNEST CORNELL,
 WALTER LEROY CUMMINS,
 C. E. DE CLERQUE,
 CHARLES ERNEST FLEMING,
 EARL HARRINGTON FOOTE,
 WALTER NEWHOME GRIMMELL,
 LEE EVERETT GUTRIDGE,
 HERBERT BROOKS HATCH,
 WILLIAM KELLEY HOPKINS,

Newark.
 Dayton.
 Dayton.
 Cleveland.
 Clermont, Ind.
 Springfield.
 Sunbury.
 Hopedale.
 Granville.
 New London.
 King's Creek.
 Alexandria.
 Pioneer.
 Chicago, Ill.
 Frazesburg.
 Medina.
 Brooklyn, N. Y.
 Newark.
 Cleveland.
 Rendville.

EDSON CLIFFORD JONES,	Granville.
C. E. KAUFMANN,	Sioux Falls, S. D.
CHARLES HOLLAND KESLER,	Urbana.
WILLIAM GLIDDEN LEWIS,	Toledo.
JAMES C. LOUGHRIDGE,	Granville.
MILLARD LESLIE LOWERY,	Monroeville.
F. L. MCCOLLUM,	Cambridge.
FRANCIS WAYLAND MORLEY,	Sandusky.
HAROLD ELWOOD NIEMAN,	Red Bank, N. J.
AUGUSTE ODEBRECHT,	Columbus.
FRANKLIN LYNN PAULSON,	Newark.
ALPHA CLEVELAND PENCE,	St. Paris.
CLIFFORD FRANCIS POWERS,	Norwalk.
WILLIAM LEWIS RHONEHOUSE,	Maumee.
FRANK MIX ROBBINS,	Cincinnati.
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WILLIAM LEE TOWNSEND,	Zanesville.
VICTOR ROLAND TURNER,	Waynesfield.
HARVEY JUDSON WALKER,	Triplett, W. Va.
HERBERT JOSEPH WICKENS,	Macksburg.
THEOPHILUS REES WILLIAMS,	Columbus.
HARRY ROSS YALE,	Waynesfield.
CLYDE GREENLEE YEOMANS,	Cherry Valley.

STUDENTS IN CONSERVATORY OF MUSIC.

MAMIE ALLEN,	Newark.
SAM ANDERSON,	Cleveland.
S. S. ANDERSON,	Alexandria.
FLORENCE M. ASHBROOK,	Alexandria.
FRANK ASHMORE,	Swatow, China.
MADELEINE AUTEN,	Cass City, Mich.
ORVILLE F. BARCUS,	Sunbury.
MARY L. BASH,	Granville.
MINNIE E. BATES,	Madison.
JOHN WALTER BEATTIE,	Norwalk.
MAMIE BONER,	Fredericktown.
PAUL BROWN,	Hagerstown, Md.

HONOR LOUISE BUCKLAND,
J. R. BUCKLAND,
LYDIA B. BUCKLAND,
MAHEL BUTTERFIELD,
RAY CARMAN,
JOY CARMAN,
EVA CASH,
NELLIE CASE,
KATE L. CHAMBERS,
IRENE M. CHAMBERS,
HARLEY LEROY CHAPIN,
ZETTIE LOUISE CHRISTY,
EMILY KERR COLWELL,
MARGARET BANCROFT COLWELL,
SARAH BELL COX,
GUY CARLETON CRIPPEN,
JOHN GARDINER CROSS,
HAZEL DAILEY,
ADA DAY,
ROY DEAN,
GRACE DICKEN,
FRANCES EAGLESON,
MARY E. EVANS,
NELLIE EVANS,
WILLIAM A. EVANS,
PEARL C. FERGUSON,
ESTHER MARIAN FIELD,
MARTHA FLURSCHUTZ,
LAURA FREDERICK,
MAMIE GEACH,
FLORENCE A. GROVE,
CELIA HAMMOND,
MARY CROSSLEY HALL,
LAURA HERRICK,
ELSIE HIRSHBERG,
ARTHUR H. HIXSON,
BERTHA HOUSTON,
STELLA HOWARD,
HELEN HUNT,
HARRIET HUNT,
CHARLES KAUFMAN,
HELEN KETCH,
GRACE KEENEN,
LYDIA KING,

Granville.
Granville.
Granville.
Granville.
Granville.
Granville.
Alexandria.
Granville.
Shelbyville, Ind.
Shelbyville, Ind.
New London.
Bryan.
Granville.
Granville.
Coshocton.
Granville.
Narragansett Pier, R. I.
Springfield.
Newark.
Bellefontaine.
Newark.
Newark.
Zanesville.
Newark.
Newport, Ky.
Granville.
Granville.
Newark.
Granville.
Granville.
Newark.
Alexandria.
Newark.
Granville.
Newark.
Ada.
Rendville.
Newark.
Granville.
Granville.
Sioux Falls, S. D.
Plain City.
Newark.
Newark.

ELLIS P. LEGLER,	Dayton.
WILLIAM GLIDDEN LEWIS,	Toledo.
J. H. LLOYD,	Granville.
N. M. LLOYD,	Marengo.
VERNA LOCK,	Vanatta.
FLORENCE S. MARSH,	Granville.
CHARLES F. MATHEWS,	Richwood.
MARGARET McKIBBEN,	Granville.
RUTH ELEANOR McKIBBEN,	Granville.
BERTHA MILES,	Johnstown.
LILIAN MILLER,	Newark.
FLORENCE NICKELS,	Toledo.
GRACE L. NICHOLS,	Bedford.
HAROLD NIEMAN,	Red Bank, N. J.
LEORA NORRIS,	Granville.
BESSIE OGLE,	Granville.
MARY OWEN,	Newark.
MARY BEECHER PALMERTON,	Granville.
GERTRUDE L. PHILLIPS,	Elgin, Ill.
LESSIE MAE PRATT,	Johnstown.
FORREST PRESTON,	Alexandria.
S. A. PRICE,	Newark.
FLOTA RIEGEL,	Amanda.
LEAH RIKER,	St. Paris.
ROBERT ROCKWOOD,	Union City, Pa.
EVA L. ROCKWOOD,	Union City, Pa.
LOTTIE RODERICK,	Massillon.
HARRIET ANTOINETTE ROGERS,	Granville.
CLARA ELIZABETH ROUDERUSH,	Newtonville.
BESSIE G. SALKELD,	Granville.
ORLEY HENRY SEE,	Shelby.
ADA SHAFFER,	Granville.
MRS. A. H. Sisson,	Granville.
JOHN WHITCOMB SHEPARDSON,	Chicago.
FRANK W. SHRIVER,	Omaha, Neb.
H. D. SCOTT,	Granville.
SHIRLEY SLACK,	Granville.
ELVA K. SMITH,	Zanesville.
NELLIE LONGFELLOW SMITH,	Zanesville.
GLADYS SPENCER,	Granville.
NELLIE STARRETT,	Granville.
BERTHA STEVENS,	Utica.
DOROTHY STURTZINGER,	Sandusky.
LULU TAYLOR,	Hebron.

J. HAROLD THOMAS,
 WILLIAM C. THOMAS,
 SARAH ELEANOR THOMAS,
 MAUD L. THOMPSON,
 ELIZABETH THORNTON,
 PERTHA WILKES,
 GRACE WELLS,
 CORA E. WILLIAMS,
 BRUCE WORK,
 JESSIE WORK,
 EVA WRIGHT,
 HARRY R. YALE,

Dayton.
 Dayton.
 Bay City, Mich.
 Granville.
 Granville.
 Chicago.
 Granville.
 Alexandria.
 Granville.
 Granville.
 Granville.
 Waynesfield.

STUDENTS IN ART.

MARY A. ANDERSON,
 MABEL BUTTERFIELD,
 CLARICE CARROLL,
 STELLA MARIE CASE,
 ALICE HUMPHREY,
 HARRIET HUNT,
 GWENDOLEN JONES,
 MAE KNOWLTON,
 MRS. GEO. I. MARSH,
 MARY MCGUIRE,
 MARY EDNA MCNEIL,
 MINNIE NORRIS,
 JULIA BARNARD PICKARD,
 MAUD THOMPSON,
 SUSIE EMMA WEDDELL,

Granville.
 Granville.
 Alexandria.
 Granville.
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 Jasper, Ala.
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 Granville.
 Cincinnati.

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